

Deliverable For:

Gateway Cities Traffic Signal Synchronization And Bus Speed Improvement Project

I-5/Telegraph Road Corridor

Deliverable 19.2

System Detector Location Analysis Final

Submitted To:

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1 INTRODUCTION

1.1 Background

The County of Los Angeles Department of Public Works Traffic Signal Synchronization, Operation and Maintenance (SOM) Program has proven successful in creating an institutional infrastructure to coordinate the activities of the agencies responsible for traffic signal operations in the County. A key feature of this infrastructure is the Forums groups of bordering agencies created to encourage and promote inter-agency cooperation. These Forums have enabled funding to be targeted at infrastructure improvements along arterial and arterial/freeway corridors in the County's sub-regions. Such projects are a critical part of what will eventually be a network of integrated ITS systems in Los Angeles County and in Southern California.

The I-5/Telegraph Road Corridor is one such project which will result in arterial infrastructure improvements along Telegraph Road in the South-East Los Angeles County (Gateway Cities) Forum. The expanded Project area includes all major north-south and east-west streets along I-5/Telegraph Road Corridor and contains 277 signalized intersections in 10 different jurisdictions, comprising 8 cities, the County and Caltrans.

The objective of this project is to design, develop and deploy traffic control systems in the Corridor so that the signals along I-5/Telegraph Road can be synchronized across the jurisdictional boundaries. This Project concentrates on the needs of the agencies in the Project area with respect to signal synchronization along arterials of regional significance and recommends improvements to field infrastructure (including controllers, loops, detectors, and communications) and central traffic control systems to meet those needs.

When successfully completed, each of the agencies responsible for traffic signal operations in the I-5/Telegraph Road Corridor will have full access to an Advanced Traffic Management System (ATMS) that monitors and controls the traffic signals under their jurisdiction. Agencies will be able to synchronize their signals with neighboring agencies, and exchange traffic information in real-time.

Agencies will also be able to exchange data with other agencies in the Gateway Cities region. This will allow the agencies to respond to recurrent and non-recurrent congestion in a coordinated fashion across the jurisdictional boundaries. The traffic control systems therefore form part of a larger, regional approach supporting multiagency traffic signal operations.

1.2 Characterizing Detection

Detector type and location requirements within a signal system are dependent upon the control strategy being employed. To better understand how detection requirements relate to the control strategy, one has to understand the different detector functions (as opposed to technologies).

 <u>Local Detection</u>: Detection located at the intersection for the purpose of calling or extending a phase. These detectors are connected directly to the local controller and their data affect the local controller's timing only. Detection at the intersection could also provide information about incidents in the measurements of detector occupancy and volumes.



- <u>System Detection:</u> Detection typically located (on an approach) between
 intersections to provide the central system or master controller with information
 (typically volume & occupancy) to control and coordinate multiple interconnected
 signals. System detection, too, provides the function of incident detection through
 the same means as local detection. Further, the system detection supplies the
 advanced traffic management system with real-time traffic condition information.
- <u>Advanced Detection:</u> Detection located (on an approach) close to the intersection, usually 250 and 300 feet in advance of downstream intersection. These types of detectors are used to extend the phase. Advanced detection can be used as system detectors as long as the DLC cables coming back to the cabinets are not joined together. Individual lane information can be gathered from the advanced detectors and detectors are set in passage mode.

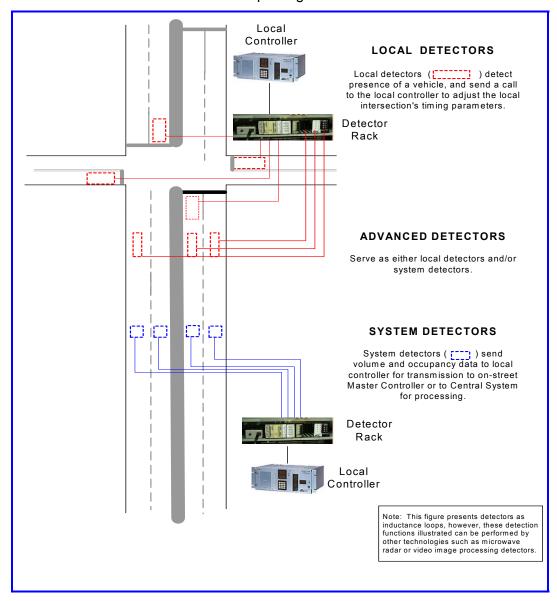


Figure 1-1: Detector Functional Type



Figure 1-1 is a schematic that illustrates these three types of detectors. Each collects data that can be used to optimize traffic flow through an advanced traffic management system (ATMS). Within an ATMS the detectors are used to support different control strategies. Time-of-day control doesn't require system detection since its timing plans change based upon a time clock. Local detection, though, is necessary for protected phasing actuation, side road actuation, and extensions. Traffic responsive and traffic adaptive control require system detection to provide timely information on current traffic conditions and trends so that the timing plans can be changed automatically as conditions warrant. For example, as it lies parallel to the I-5 Freeway, Telegraph Road has a function as a freeway alternate. It is necessary to know the traffic conditions on this arterial either before assigning this as an alternate or in order to know which signal timing plan would be the most appropriate for accommodating the additional traffic.

A separate program (TSSP) is being implemented by the County DPW to address the design and provision of local detection. The I-5/Telegraph Road Project is focusing on system detection, - to be accommodated either by dedicated system detectors or suitable advanced detectors, or both.

1.3 Purpose of the Report

Earlier reports for the I-5 / Telegraph Road Corridor Project addressed the user and functional requirements for the ATMS systems, the interfacing systems, the communication system, and the local control centers. These requirements enabled development of the High Level Design Definition Report, LCC Recommendations Report and Alternative Analysis reports for ATMS, and communications systems.

This System Detection Location Analysis report presents an analysis of all major intersections¹ in the project area which evaluates each major intersection location for the need to deploy system detection at that location. The evaluation uses a combination of factors such as location on a TSSP route, traffic volumes, and level of service. A preliminary ranking for system detection placement for each location is derived based on these factors. These locations are further examined for the existence of usable advanced loops. The recommendations are then made for each high priority system detection location as follows:

- 1) If new system detector should be installed
- 2) If existing advanced detector should be rewired
- 3) If existing advanced detector should be used

¹ For the purposes of this analysis an intersection is defined as a major intersection where two major project roadways meet or major project roadway meets with the freeway ramp, where major project roads are defined as having at least 4 through lanes in both directions.



2 SYSTEM DETECTION LOCATION ANALYSIS

2.1 LOCATION DEFINITION

The locations for system detection are determined on an approach basis. An approach is defined as an inbound direction in advance of a signal location in the project area. Two approach examples are as follows:

Example 1: Signal Location: Florence/Norwalk: Direction: East, Name: W/O Norwalk Blvd. - this represented the system detection for vehicles traveling eastbound on Florence Ave. from Pioneer Blvd. to Norwalk Blvd.

Example 2: Signal Location: Florence/Norwalk: Direction: West, Name: E/O Norwalk Blvd. - this represented the system detection for vehicles traveling westbound on Florence Ave. from Bloomfield Ave. to Norwalk Blvd.

An intersection could potentially have four approaches, however for this project only those approaches that correspond to major project roadways included in the Project area are considered for system detection placement.

2.2 Methodology Used

The System Detection location analysis for the I-5/Telegraph Road Corridor Project was performed using the following methodology:

- 1. Development of System Detection location prioritization criteria (See Table 2-1):
 - a. Identification of factors that affect the decision to place system detection at a given location. These are:
 - i. LA County TSSP Route: Intersections identified in the Los Angeles County TSSP Route.
 - Level of Service (LOS): Estimate of the quality of traffic flow of a approach based on traffic delays. LOS could range from A, representing free-flow conditions, to F, representing jammed conditions.
 - iii. Average Daily Traffic Volume (ADT): this represents the average total number of vehicles including passenger cars, trucks and busses that pass through that approach in a 24-hour period in one direction.
 - b. An assignment of weight to these factors (factor weight) was made based on their relative importance to system detection placement decision.
 - c. For each factor, ranges were developed based on their expected values. Each range was assigned a weight (range weight) to reflect its relative effect on system detection placement decision.



Table 2-1: System Detector Prioritization Criteria

Factors	Range	Range Weight	Factor Weight (Importance)
LA County TSSP	TSSP Route	4	5
	Not TSSP Route	0	
	F	4	
Level of Service	E	3	4
2. Level of dervice	D	2	-
	C,B or A	1	-
3. Average Daily	Over 30,000	4	
Traffic Volume (Between 20,000 and 30,000	3	3
For link in one direction)	Between 10,000 and 20,000	2	
an oction)	Less than 10,000	1	-

- Data for each of the 3 factors was collected for all potential System Detection locations. Appendix A presents a summary of data collection and extrapolation methodology.
- 3. Range weights were assigned to the factors based on their values according to the criteria.
- 4. For each location a weighted score was calculated by multiplying the range weight by the factor weight. The weighted scores for all factors were summed to derive a location score. (Appendix B presents the raw data; factor scores, weighted scores and location score for each location)
- 5. The location scores were analyzed to determine high priority, medium and low priority system locations as follows:
 - a. It was observed that:
 - i. The highest score a location received is 45 (out of the possible maximum of 48), the lowest score a location received is 7 (which is also the possible minimum).
 - ii. 10 locations were not assigned scores because one of the major roads terminates at these locations.
 - iii. For those locations (250) where location scores are available, approximately 1/3 of the locations' (82 locations) score are below 30, 1/3 of the locations' (83 locations) score are 30 and another 1/3 of the locations' (85 locations) score are above 30. Figure 2-1 presents the cumulative number of locations with the ranking scores.

SIEMENS

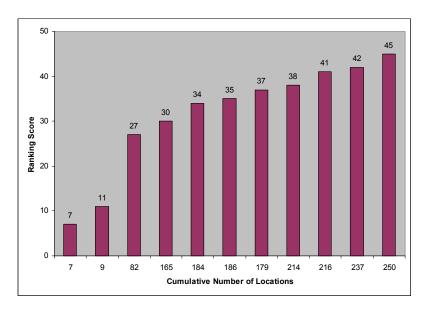


Figure 2-1: Priority Ranking Analysis

- b. Based on the above observations:
 - The locations with scores 27 and lower were categorized as "Low" priority for System Detection placement. This category has 82 locations.
 - ii. The locations with score between 28 and 30 were assigned "Medium" priority for System Detection placement. This category has 83 locations.
 - iii. The locations with scores 31 and above were assigned "High" priority for System Detection placement. This category has 85 locations.
 - iv. The locations, for which not enough data was available to calculate a score, were marked as "N/A" (Data Not Available). 10 locations fall into this category.

Appendix C contains the ranking resulting for the analysis up to this point.

- 6. Next, for those "High" priority locations that have existing advanced detection, a determination was made if those detectors could be used as system detectors or new system detectors need to be installed. To determine this, the following conditions were checked for each approach (This process is also depicted in the flow chart in Figure 2-2)
 - i. The link has advanced detectors:
 - ii. Per Agency's information, the queues at that link do not backup to the advanced loops position;
 - iii. The distance between the approach in question and the upstream intersection is less than 0.5 miles. If the intersections are far apart, the mid-block detection may be required to capture the turning traffic between the signals;
 - iv. The advanced detector DLC's are separate;



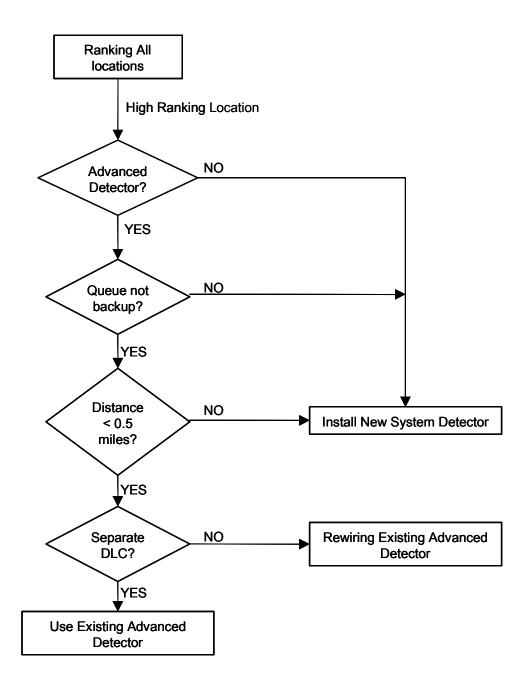


Figure 2-2: System Detector Location Decision Flowchart



Figure 2-3 presents the three different installation scenarios for "High" priority ranking locations as follows:

- If any one of above condition i, ii, iii were not met, it was recommended that new system detector be installed. This is shown in red in Figure 2-3.
- If all the above condition i, ii, iii were met, but the DLC's are tied together, it was recommended that existing advanced detector be rewired. This is shown in blue in Figure 2-3.
- If all the above conditions were met, it was recommended that the existing advanced loops be used for system detection. This is shown in green in Figure 2-3.

Data for the existence of advanced detector was collected for each location at all 78 major signalized intersections from the different agencies.

In order to check if the queue develops beyond the position of existing advanced detector, the traffic queuing information was collected for each location. For those locations which queuing backup information isn't available, it was assumed that the queue did not back up over the advanced detectors.

Also, in order to check if separate DLC's exist for each lane, the agencies were asked to provide this information. For those locations for which data was not available, it was assumed the DLC's are tied together.

Distance between upstream intersection and downstream intersection was measured based on Street98 map software to see if the length of link is less than 0.5 miles.

Appendix D contains the resultant rankings of each location and system detection installation recommendations for "High" priority ranking locations.

2.3 Conclusion:

Based on the above analysis, of the 260 locations analyzed, 85 locations were determined to be high priority locations for system detection placement.

Of these 85 locations, 80 locations were found to have advanced detection. Thus 5 of these locations were found to be candidates for new system detection placement.

Of the 80 locations with advanced detection loops, at 14 locations, advanced loops can be used for system detection and at 29 locations rewiring will be required, and at 37 locations new system detection is required.

Thus, in all 42 locations will require new system detection. Table 2-2 summarizes these results.



Table 2-2: Summary Results for High Priority Detector Location

ID	Signal Intersection	Jurisdiction	Approach Direction	Use Existing Advanced Detector	Rewiring Existing Advanced Detector	Install New System Detector	Approach Direction	Use Existing Advanced Detector	Rewiring Existing Advanced Detector	Install New System Detector
5	Beverly Blvd./Rosemead Blvd.	Pico Rivera	East				West	Х		
6	Beverly Blvd./Norwalk Blvd.	Whittier	East			Х	West			Х
15	Carmenita Rd. /Telegraph Rd.	Santa Fe Springs	South				North		Х	
17	Carmenita Rd. /Imperial Hwy.	Santa Fe Springs	South				North		Х	
18	Carmenita Rd. /Rosecrans Ave.	Santa Fe Springs	South			Х	North			Х
19	Florence Ave. /Paramount Blvd.	Downey	East			Х	West			
20	Florence Ave. /Lakewood Blvd.	Downey	East				West			Х
21	Florence Ave. /I-605	Downey	East			Х	West			Х
22	Florence Ave. /Pioneer Blvd.	Santa Fe Springs	East		Х		West			Х
23	Florence Ave. /Norwalk Blvd.	Santa Fe Springs	East			Х	West			Х
24	Florence Ave. /Carmenita Rd.	Santa Fe Springs	East		Х		West			
28	Colima Rd. /Whittier Blvd.	Whittier	South			Х	North			Х



ID	Signal Intersection	Jurisdiction	Approach Direction	Use Existing Advanced Detector	Rewiring Existing Advanced Detector	Install New System Detector	Approach Direction	Use Existing Advanced Detector	Rewiring Existing Advanced Detector	Install New System Detector
30	La Mirada Blvd. /Imperial Hwy.	La Mirada	South				North		X	
37	Mills Ave. /Whittier Blvd.	Whittier	East			Х	West			Х
45	Norwalk Blvd./ Slauson Ave.	County	South		Х		North			
47	Norwalk Blvd./ Telegraph Rd.	Santa Fe Springs	South		Х		North			
52	Norwalk Blvd./Rosecrans Ave.	Norwalk	South			Х	North			
64	Paramount Blvd. / I-5 Fwy Ramp	Downey	South	Х			North	Х		
65	Paramount Blvd. / Florence Ave.	Downey	South		Х		North		Х	
66	Paramount Blvd. / Firestone Blvd.	Downey	South		Х		North			Х
72	Pioneer Blvd./ Imperial hwy.	Norwalk	South		Х		North			
76	Rosemead Blvd. / Beverly Blvd.	Pico Rivera	South			Х	North			Х
77	Rosemead Blvd. / Whittier Blvd.	Pico Rivera	South			Х	North	Х		
78	Rosemead Blvd. / Washington Blvd.	Pico Rivera	South	Х			North			



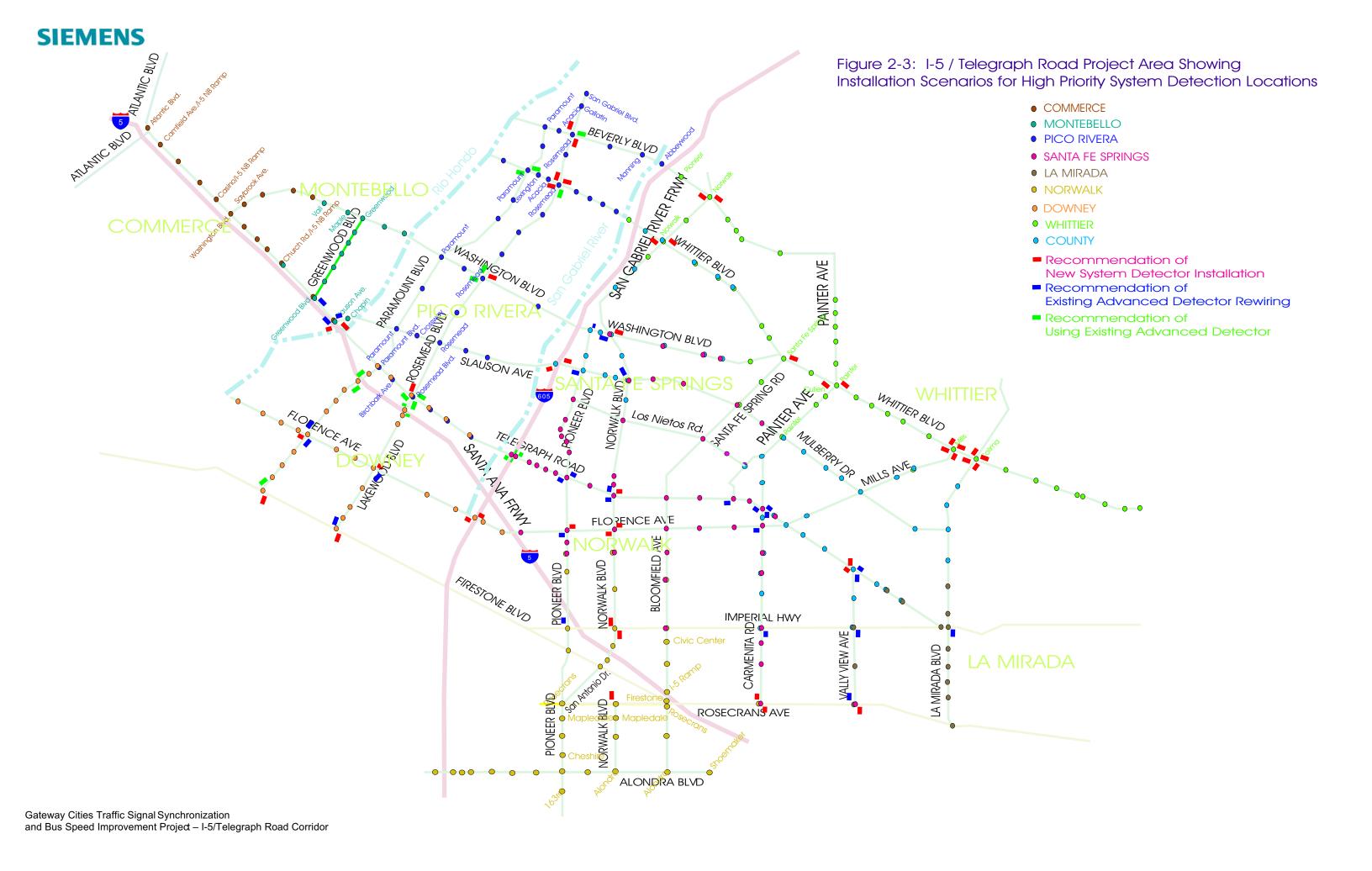
ID	Signal Intersection	Jurisdiction	Approach Direction	Use Existing Advanced Detector	Rewiring Existing Advanced Detector	Install New System Detector	Approach Direction	Use Existing Advanced Detector	Rewiring Existing Advanced Detector	Install New System Detector
81	Lakewood Blvd. /I-5 North Ramp	Downey	South	Х			North	Х		
83	Lakewood/ Florence Ave.	Downey	South				North		Х	
84	Lakewood Blvd. / Firestone Blvd.	Downey	South		Х		North			Х
88	Slauson Ave. /Telegraph Rd.	Montebello	East			Х	West		Х	
91	Slauson Ave. /I-605 Ramp	County	East			Х	West			Х
92	Slauson Ave. /Pioneer Blvd.	County	East		Х		West			
100	Telegraph Rd./Greenwood Avenue	Montebello	East				West		Х	
101	Telegraph Rd./Slauson Avenue	Montebello	East		Х		West			Х
104	Telegraph Rd./Cedardale Drive I-605 Southbound Ramps	Santa Fe Springs	East	Х			West	Х		
105	Telegraph Rd./Bartley Avenue I-605 Northbound Ramps	Santa Fe Springs	East	Х			West	Х		
106	Telegraph Rd./Pioneer Boulevard	Santa Fe Springs	East		Х		West		Х	



ID	Signal Intersection	Jurisdiction	Approach Direction	Use Existing Advanced Detector	Rewiring Existing Advanced Detector	Install New System Detector	Approach Direction	Use Existing Advanced Detector	Rewiring Existing Advanced Detector	Install New System Detector
107	Telegraph Rd./Norwalk Boulevard	Santa Fe Springs	East		Х		West			Х
109	Telegraph Rd./Painter Avenue	Santa Fe Springs	East		Х		West			
110	Telegraph Rd./Carmenita Road	Santa Fe Springs	East		Х		West		Х	
112	Telegraph Rd./Valley View Avenue	County	East			Х	West		Х	
114	Valley View Ave. / Telegraph Rd.	County	South			Х	North		Х	
115	Valley View Ave. /Imperial Hwy.	County	South				North		Х	
116	Valley View Ave. / Rosecrans Ave.	La Mirada/Santa Fe Springs	South		Х		North			Х
120	Washington Blvd. / Rosemead Blvd.	Pico Rivera	East	Х			West			Х
121	Washington Blvd. / Pioneer Blvd.	County	East				West		Х	
122	Washington Blvd. / Norwalk Blvd.	County	East		Х		West			Х
124	Whittier Blvd. /Paramount Blvd.	Pico Rivera	East	Х			West	Х		



ID	Signal Intersection	Jurisdiction	Approach Direction	Use Existing Advanced Detector	Rewiring Existing Advanced Detector	Install New System Detector	Approach Direction	Use Existing Advanced Detector	Rewiring Existing Advanced Detector	Install New System Detector
125	Whittier Blvd. /Rosemead Blvd.	Pico Rivera	East			Х	West			Х
126	Whittier Blvd. / Norwalk Blvd.	Whittier	East			Х	West			Х
127	Whittier Blvd. / Santa Fe Springs Rd./Washington Blvd.	Whittier	East				West			Х
128	Whittier Blvd. / Painter Ave.	Whittier	East			Х	West			Х
129	Whittier Blvd. /Mills Ave.	Whittier	East			Х	West			Х
130	Whittier Blvd. / Colima Rd.	Whittier	East			Х	West			Х





Appendix A: Summary of Data Collection and Extrapolation

1. TSSP Data

Data Requirements: Intersection list identified in the TSSP Program from Los Angeles County.

Data Sources: TSSP Route list from Los Angeles County provided by Pat Smith

Results: Signalized intersections in the project area, which are identified in the TSSP Route from Los Angeles County.

2. Level Of Service Data

Data Requirements: LOS data for each link.

Data Sources:

The County of Los Angeles, and cities of Santa Fe Springs and Whittier provided LOS data for some intersections.

Data Extrapolation:

In order to keep the data consistent over all intersections, LOS calculations were made as follows:

- 1. Maximum Directional Volume = Average Daily Traffic Volume for one link in one direction.
- 2. Obtain the peak hour volume as; Max. Directional Volume*0.1
- 3. Calculate Capacity as; Number of lanes*800
- 4. Calculate V/C Ratio by dividing Peak Hour Volume by Capacity
- 5. Assign LOS values as follows:

V/C Ratio	LOS
0 - 0.60	Α
0.601 - 0.70	В
0.701 - 0.80	С
0.801 - 0.90	D
0.901 - 1.00	E
Over 1.001	F

LOS Calculation Example:

Signal Location: Rosemead Blvd. /Lakewood Blvd. /Telegraph Rd. Approach Direction: South. Approach Direction: n/o Telegraph Rd. Approach Volume=12564 veh

Approach Lane Number=2



- 1. Max Approach Volume = 12564 veh.
- 2. Peak Hour Volume: 12564*0.1=1256
- 3. Capacity: 800*2=1600
- 4. V/C Ratio for Approach: 1256/1600 = 0.79

Because 0.79 is greater than 0.701 and less than 0.80, the LOS = C

3. Average Daily Traffic Data (Link Volume in one direction)

Data Requirements: Approach (In EB, In NB, In WB, In SB) Inbound Daily Traffic Volumes.

Data Sources:

1. County of Los Angeles Department of Public Works

Data provider: Patrick Smith 626-300-4788

County provided the edition of Traffic Volumes book, which covers traffic volume counts taken by the County of Los Angeles DPW during the years of 1997 through 2001.

The traffic volume included most of the unincorporated areas of the County and some of the cities in the project areas.

All are approach traffic counts.

2. City of Commerce

Data provider: Sheree Wynn 323-722-4805. ext. 2238 No data available for Project intersections from the City. Data provided by County was used for analysis.

3. City of Montebello

Data provider: A. Alcantara 323-887-1472 Data provided for years 1998 and 1999.

Section (Link) volume data provided for some links and being populated to approach volume. Other intersections data was supplemented by County Data.

4. City of Pico Rivera

Data provider: Michael Moore 562-801-4420

Year: Feb/Mar 2000

Approach traffic counts provided for all intersections in the Project area.

City and county Data were used for analysis.

5. City of Downey

Data provider: Stephen Yanez 562-904-7108

The data of the City of Downey are from the Downy Signal System Master Plan: existing condition (year 2000).

Section (Link) volume data provided for some links and being populated to approach volume. Other intersections data was supplemented by County Data.

6. City of Whittier

Data provider: James Keena: 562-464-3523

Only intersection volume data provided for years 2002. The data could not be used in the form provided for analysis purposes. Data provided by County was used for analysis.



7. City of Santa Fe Springs

Data provider: Tony Olms 562-868-0511. ext 7543 Robert Garcia 562-868-0511. ext 7545

Intersection approach data and section data provided for project intersections for years 1980s to 1990s. Other intersections data was supplemented by County Data.

8. City of Norwalk

Data provider: Joanne Itagaki: 562-929-5725

Data provided by County and Kimley-Horn were used for analysis.

9. City of La Mirada

No data available for Project intersections.

Data provided by County and Kimley-Horn were used for analysis.

10. Kimley-Horn and Associates, Inc

Data compiled from I-5 Intercounty Smart Street Feasibility Study project. It covers about 20 intersections in the project area for years 2001.

Data Extrapolation:

- In cases when only section volume data was available, all intersections within the section were populated with the available volume data. To estimate approach volumes, the link volumes were halved.
- If data was available for the same location from more than one source, the latest data was used.
- If data was available only for one approach of a pair, (e.g. EB in an EB/WB direction), the data for the opposite approach (WB) was assumed to be same.
- If data was unavailable for all the previous conditions, the same direction data from upstream intersection was used.
- Raw data were normalized to the year 2002 by applying an annual growth factor of 1.4%.

Appendix B: Raw Data, Factor Scores, Weighted Scores and Location Scores

1			APPROACH NAME	TSSF	P (Weigh	t = 5)	AVER	AGE DA			LO	S (Weigh	it = 4)	Location Score	APPROACH NAME	TSS	P (Weigh	nt = 5)	AVER TRAFFIC	AGE DA			LOS	(Weigh	t =4)	Location Score
ID	Signal Intersection	Direction	Name	CMP	Raw Score	Weighted Score	Link Volume	Raw Score	Weighted Score	Lane Number	SOT	Raw Score	Weighted Score	Rank Score	Direction Name	CMP	Raw Score	Weighted Score	Link Volume	Raw Score	Weighted Score	Lane Number	SOT	Raw Score	Weighted Score	Rank Score
1	Alonda Blvd. / Pioneer Blvd.	East	W/O Pioneer	YES	4	20	7,717	1	3	2	А	1	4	27	West E/O Pioneer	YES	4	20	10,708	2	6	2	В	1	4	30
2	Alonda Blvd. / Norwalk Blvd.	East	W/O Norwalk	YES	4	20	7,717	1	3	2	А	1	4	27	West E/O Norwalk	YES	4	20	11,717	2	6	2	С	1	4	30
3	Alonda Blvd. / Bloomfield Ave.	East	W/O Bloomfield	YES	4	20	7,717	1	3	2	А	1	4	27	West E/O Bloomfield	YES	4	20	11,717	2	6	2	С	1	4	30
4	Beverly Blvd./Paramount Blvd.	East	W/O Paramount	YES	4	20	16,971	2	6	3	С	1	4	30	West E/O Paramount	YES	4	20	16,321	2	6	3	В	1	4	30
5	Beverly Blvd./Rosemead Blvd.	East	W/O Rosemead	YES	4	20	14,443	2	6	3	В	1	4	30	West E/O Rosemead	YES	4	20	16,321	2	6	2	F	4	16	42
6	Beverly Blvd./Norwalk Blvd.	East	W/O Norwalk	YES	4	20	14,443	2	6	2	Е	3	12	38	West E/O Norwalk	YES	4	20	14,443	2	6	2	Е	3	12	38
7	Bloomfield Ave. /Telegraph Rd./Santa Fe Springs Rd.	South	N/O Telegraph Rd./Santa Fe Springs	YES	4	20	10,427	2	6	2	В	1	4	30	North S/O Telegraph Rd./Santa Fe Springs	YES	4	20	9,125	1	3	2	А	1	4	27
8	Bloomfield Ave. /Florence Ave.	South	N/O Florence	YES	4	20	10,427	2	6	2	В	1	4	30	North S/O Florence	YES	4	20	4,759	1	3	2	Α	1	4	27
9	Bloomfield Ave./ Imperial Hwy.	South	N/O Imperial Hwy.	YES	4	20	6,582	1	3	2	А	1	4	27	North S/O Imperial Hwy.	YES	4	20	6,582	1	3	2	Α	1	4	27
10	Bloomfield Ave. / I-5 NB On- ramp	South	N/O I-5 NB On-Ramp	NO	0	0	6,582	1	3	1	D	2	8	11	North S/O I-5 NB On-Ramp	NO	0	0	3,052	1	3	2	А	1	4	7
11	Bloomfield Ave. / Firestone Blvd.	South	N/O Firestone	YES	4	20	3,052	1	3	Т	N/A	N/A	N/A	N/A	North S/O Firestone	YES	4	20	3,052	1	3	Т	N/A	N/A	N/A	N/A
12	Bloomfield Ave. / Rosecrans Ave.	South	N/O Rosecrans	YES	4	20	5,577	1	3	2	А	1	4	27	North S/O Rosecrans	YES	4	20	5,577	1	3	2	А	1	4	27
13	Bloomfield Ave. /Alondra	South	N/O Alondra	YES	4	20	5,577	1	3	2	А	1	4	27	North S/O Alondra	YES	4	20	5,577	1	3	2	Α	1	4	27
14	Carmenita Rd. /Painter Ave. /Walburg St.	South	N/O Painter/Walburg	YES	4	20	12,497	2	6	2	С	1	4	30	North S/O Painter/Walburg	YES	4	20	12,089	2	6	2	С	1	4	30
15	Carmenita Rd. /Telegraph Rd.	South	N/O Telegraph Rd.	YES	4	20	12,635	2	6	2	С	1	4	30	North S/O Telegraph Rd.	YES	4	20	13,166	2	6	2	D	2	8	34
16	Carmenita Rd. /Florence Ave.	South	N/O Florence Ave.	YES	4	20	7,331	1	3	2	А	1	4	27	North S/O Florence Ave.	YES	4	20	9,390	1	3	2	А	1	4	27
17	Carmenita Rd. /Imperial Hwy.	South	N/O Imperial Hwy.	YES	4	20	6,242	1	3	2	А	1	4	27	North S/O Imperial Hwy.	YES	4	20	13,553	2	6	2	D	2	8	34
18	Carmenita Rd. /Rosecrans Ave.	South	N/O Rosecrans Ave.	YES	4	20	15,299	2	6	2	Е	3	12	38	North S/O Rosecrans Ave.	YES	4	20	15,299	2	6	2	Е	3	12	38
19	Florence Ave. /Paramount Blvd.	East	W/O Paramount Blvd.	YES	4	20	21,798	3	9	3	Е	3	12	41	West E/O Paramount Blvd.	YES	4	20	18,935	2	6	3	С	1	4	30
20	Florence Ave. /Lakewood Blvd.	East	W/O Rosemead/Lakewood Blvd.	YES	4	20	17,736	2	6	3	С	1	4	30	West E/O Rosemead/Lakewood Blvd.	YES	4	20	20,667	3	9	3	D	2	8	37
21	Florence Ave. /I-605	East	W/O I-605	YES	4	20	20,667	3	9	3	D	2	8	37	West E/O I-605	YES	4	20	20,667	3	9	2	F	4	16	45
22	Florence Ave. /Pioneer Blvd.	East	W/O Pioneer Blvd.	YES	4	20	21,739	3	9	2	F	4	16	45	West E/O Pioneer Blvd.	YES	4	20	20,845	3	9	2	F	4	16	45
23	Florence Ave. /Norwalk Blvd.	East	W/O Norwalk Blvd.	YES	4	20	20,730	3	9	2	F	4	16	45	West E/O Norwalk Blvd.	YES	4	20	16,902	2	6	2	F	4	16	42
24	Florence Ave. /Carmenita Rd.	East	W/O Carmenita Rd.	YES	4	20	13,486	2	6	2	D	2	8	34	West E/O Carmenita Rd.	YES	4	20	11,794	2	6	2	С	1	4	30
25	Florence Ave. /Telegraph Rd./Mills Ave.	East	W/O Telegraph Rd./Mills	YES	4	20	12,257	2	6	2	С	1	4	30	West E/O Telegraph Rd./Mills	YES	4	20	9,150	1	3	2	А	1	4	27
26	Greenwood Blvd. /Washington Blvd.	South	N/O Washington Blvd.	YES	4	20	9,305	1	3	2	А	1	4	27	North S/O Washington Blvd.	YES	4	20	9,305	1	3	2	А	1	4	27
27	Greenwood Blvd. /Telegraph Rd.	South	N/O Telegraph Rd.	YES	4	20	9,566	1	3	2	А	1	4	27	North S/O Telegraph Rd.	YES	4	20	9,600	1	3	Т	N/A	N/A	N/A	N/A

ID					(Weigh	t = 5)	TRAFFIC	AGE DA			LOS	(Weigh	t = 4)	Location Score	APPROACH NAME	TSSF	(Weigh	it = 5)	AVER TRAFFIC				LOS	(Weigh	t =4)	Location Score
	Signal Intersection	Direction	Name	CMP	Raw Score	Weighted Score	Link Volume	Raw Score	Weighted Score	Lane Number	ros	Raw Score	Weighted Score	Rank Score	Direction Name	CMP	Raw Score	Weighted Score	Link Volume	Raw Score	Weighted Score	Lane Number	SOT	Raw Score	Weighted Score	Rank Score
28	Colima Rd. /Whittier Blvd.	South	N/O Whittier	YES	4	20	15,009	2	6	2	Е	3	12	38	North S/O Whittier	YES	4	20	15,009	2	6	2	Е	3	12	38
29	La Mirada Blvd. /Mulberry Dr.	South	N/O Mulberry Dr.	YES	4	20	10,577	2	6	2	В	1	4	30	North S/O Mulberry Dr.	YES	4	20	10,577	2	6	2	В	1	4	30
30	La Mirada Blvd. /Imperial Hwy.	South	N/O Imperial Hwy.	YES	4	20	10,797	2	6	2	В	1	4	30	North S/O Imperial Hwy.	YES	4	20	15,138	2	6	2	Е	3	12	38
31	La Mirada Blvd. /Rosecrans Ave.	South	N/O Rosecrans Ave.	YES	4	20	10,797	2	6	2	В	1	4	30	North S/O Rosecrans Ave.	YES	4	20	12,621	2	6	2	С	1	4	30
32	Los Nietos Rd. / Pioneer Blvd.	East	W/O Pioneer	YES	4	20	6,236	1	3	2	Α	1	4	27	West E/O Pioneer	YES	4	20	6,236	1	3	Т	N/A	N/A	N/A	N/A
33	Los Nietos Rd. / Norwalk Blvd.	East	W/O Norwalk	YES	4	20	6,236	1	3	2	Α	1	4	27	West E/O Norwalk	YES	4	20	5,827	1	3	2	Α	1	4	27
34	Los Nietos Rd. / Painter Ave.	East	W/O Painter	YES	4	20	6,187	1	3	Т	N/A	N/A	N/A	N/A	T N/A	YES	4	20	Direction	4	12	N/A	N/A	N/A	N/A	N/A
35	Mills/Telegraph Rd./Florence Ave.	East	W/O Telegraph Rd./Florence	YES	4	20	12,257	2	6	2	С	1	4	30	West E/O Telegraph Rd./Florence	YES	4	20	9,150	1	3	2	Α	1	4	27
36	Mills Ave. /Mulberry Dr.	East	W/O Mulberry Dr.	YES	4	20	11,319	2	6	3	Α	1	4	30	West E/O Mulberry Dr.	YES	4	20	11,319	2	6	3	Α	1	4	30
37	Mills Ave. /Whittier Blvd.	East	W/O Whittier Blvd.	YES	4	20	15,950	2	6	2	Е	3	12	38	West E/O Whittier Blvd.	YES	4	20	15,950	2	6	2	Е	3	12	38
38	Mulberry Dr. /Santa Fe Springs Rd./Slauson Ave.	East	W/O Santa Fe Springs Rd./Slauson	YES	4	20	16,471	2	6	3	В	1	4	30	West E/O Santa Fe Springs Rd./Slauson	YES	4	20	8,811	1	3	3	Α	1	4	27
39	Mulberry Dr. /Painter Ave.	East	W/O Painter Ave.	YES	4	20	9,498	1	3	3	Α	1	4	27	West E/O Painter Ave.	YES	4	20	8,811	1	3	3	Α	1	4	27
40	Mulberry Dr. /Mills Ave.	East	W/O Mills Ave.	YES	4	20	11,319	2	6	3	Α	1	4	30	West E/O Mills Ave.	YES	4	20	11,319	2	6	3	Α	1	4	30
41	Mulberry Dr. /La Mirada Blvd.	East	W/O La Mirada Blvd.	YES	4	20	11,996	2	6	3	Α	1	4	30	West E/O La Mirada Blvd.	YES	4	20	9,936	1	3	3	Α	1	4	27
42	Norwalk Blvd. / Beverly Blvd.	South	N/O Beverly Blvd.	YES	4	20	5,845	1	3	2	Α	1	4	27	North S/O Beverly Blvd.	YES	4	20	5,845	1	3	2	Α	1	4	27
43	Norwalk Blvd./ Whittier Blvd.	South	N/O Whittier Blvd.	YES	4	20	5,845	1	3	1	С	1	4	27	North S/O Whittier Blvd.	YES	4	20	5,845	1	3	2	Α	1	4	27
44	Norwalk Blvd./ Washington Blvd.	South	N/O Washington Blvd.	YES	4	20	6,328	1	3	2	Α	1	4	27	North S/O Washington Blvd.	YES	4	20	6,328	1	3	2	Α	1	4	27
45	Norwalk Blvd./ Slauson Ave.	South	N/O Slauson Ave.	YES	4	20	13,131	2	6	2	D	2	8	34	North S/O Slauson Ave.	YES	4	20	11,971	2	6	2	С	1	4	30
46	Norwalk Blvd. / Los Nietos Rd.	South	N/O Los Nietos Rd.	YES	4	20	9,762	1	3	2	В	1	4	27	North S/O Los Nietos Rd.	YES	4	20	10,039	2	6	2	В	1	4	30
47	Norwalk Blvd./ Telegraph Rd.	South	N/O Telegraph Rd.	YES	4	20	12,936	2	6	2	D	2	8	34	North S/O Telegraph Rd.	YES	4	20	10,166	2	6	2	В	1	4	30
48	Norwalk Blvd. / Florence Ave.	South	N/O Florence Ave.	YES	4	20	10,730	2	6	2	В	1	4	30	North S/O Florence Ave.	YES	4	20	10,730	2	6	2	В	1	4	30
49	Norwalk Blvd./ Imperial Hwy.	South	N/O Imperial Hwy.	YES	4	20	10,672	2	6	3	Α	1	4	30	North S/O Imperial Hwy.	YES	4	20	8,878	1	3	2	Α	1	4	27
	Norwalk Blvd./ San Antonio Dr. / Firestone Blvd.	South	N/O San Antonio/ Firestone Blvd.	YES	4	20	10,140	2	6	2	В	1	4	30	North S/O San Antonio/ Firestone Blvd.	YES	4	20	10,140	2	6	2	В	1	4	30
5 1	San Antonio Dr. / Rosecrans Ave./Pioneer Blvd.	South	N/O Rosecarans Ave./Pioneer	YES	4	20	6,586	1	3	2	Α	1	4	27	T N/A	YES	4	20	Direction	4	12	N/A	N/A	N/A	N/A	N/A
	Norwalk Blvd./Rosecrans Ave.	South	N/O Rosecrans	YES	4	20	11,553	2	6	1	F	4	16	42	North S/O Rosecrans	YES	4	20	11,553	2	6	2	С	1	4	30
53	Norwalk Blvd. /Alondra Blvd.	South	N/O Alondra	YES	4	20	11,263	2	6	2	С	1	4	30	North S/O Alondra	YES	4	20	11,263	2	6	2	С	1	4	30
54	Painter Ave. /Whittier Blvd.	South	N/O Whittier Blvd.	YES	4	20	1,235	1	3	2	Α	1	4	27	North S/O Whittier Blvd.	YES	4	20	1,235	1	3	2	Α	1	4	27
55	Painter Ave. /Mulberry Dr.	South	N/O Mulberry Dr.	YES	4	20	11,099	2	6	2	В	1	4	30	North S/O Mulberry Dr.	YES	4	20	10,486	2	6	2	В	1	4	30

			APPROACH NAME	TSSF	P (Weigh	t = 5)	AVER TRAFFIC	AGE DA			LOS	6 (Weigh	t = 4)	Location Score	APPROACH NAME	TSSI	P (Weigh	nt = 5)	AVER TRAFFIC	AGE DA			LOS	(Weigh	t =4)	Location Score
ID	Signal Intersection	Direction	Name	CMP	Raw Score	Weighted Score	Link Volume	Raw Score	Weighted Score	Lane Number	ros	Raw Score	Weighted Score	Rank Score	Direction Name	CMP	Raw Score	Weighted Score	Link Volume	Raw Score	Weighted Score	Lane Number	ros	Raw Score	Weighted Score	Rank Score
56	Painter Ave. /Carmenita Rd. /Walburg St.	South	N/O Carmenita/Walburg St.	YES	4	20	12,497	2	6	2	С	1	4	30	North S/O Carmenita/Walburg St.	YES	4	20	12,089	2	6	2	С	1	4	30
57	Painter Ave. / Los Nietos Rd.	South	N/O Los Nietos	YES	4	20	4,958	1	3	2	Α	1	4	27	North S/O Los Nietos	YES	4	20	4,958	1	3	2	Α	1	4	27
58	Painter Ave. / Telegraph Rd.	South	N/O Telegraph Rd.	YES	4	20	6,455	1	3	2	Α	1	4	27	North S/O Telegraph Rd.	YES	4	20	6,455	1	3	2	Α	1	4	27
59	Paramount Blvd. / Beverly Blvd.	South	N/O Beverly Blvd.	YES	4	20	4,648	1	3	2	Α	1	4	27	North S/O Beverly Blvd.	YES	4	20	8,221	1	3	2	Α	1	4	27
60	Paramount Blvd. / Whittier Blvd.	South	N/O Whittier Blvd.	YES	4	20	9,517	1	3	2	Α	1	4	27	North S/O Whittier Blvd.	YES	4	20	9,517	1	3	2	Α	1	4	27
61	Paramount Blvd. / Washington Blvd.	South	N/O Washington Blvd.	YES	4	20	10,097	2	6	2	В	1	4	30	North S/O Washington Blvd.	YES	4	20	10,034	2	6	2	В	1	4	30
62	Paramount Blvd. / Slauson Ave.	South	N/O Slauson Ave.	YES	4	20	10,923	2	6	2	В	1	4	30	North S/O Slauson Ave.	YES	4	20	10,426	2	6	2	В	1	4	30
63	Paramount Blvd. / Telegraph Rd.	South	N/O Telegraph Rd.	YES	4	20	8,255	1	3	2	Α	1	4	27	North S/O Telegraph Rd.	YES	4	20	8,255	1	3	2	Α	1	4	27
64	Paramount Blvd. / I-5 Fwy Ramp	South	N/O I-5 Fwy Ramp	YES	4	20	18,508	2	6	2	F	4	16	42	North S/O I-5 Fwy Ramp	YES	4	20	19,124	2	6	2	F	4	16	42
65	Paramount Blvd. / Florence Ave.	South	N/O Florence Ave.	YES	4	20	16,503	2	6	2	F	4	16	42	North S/O Florence Ave.	YES	4	20	15,649	2	6	2	Е	3	12	38
66	Paramount Blvd. / Firestone Blvd.	South	N/O Firestone Blvd.	YES	4	20	13,237	2	6	2	D	2	8	34	North S/O Firestone Blvd.	YES	4	20	13,237	2	6	2	D	2	8	34
67	Pioneer Blvd./ Washington Blvd.	South	N/O Washington Blvd.	NO	0	0	6,539	1	3	1	D	2	8	11	North S/O Washington Blvd.	NO	0	0	7,802	1	3	2	Α	1	4	7
68	Pioneer Blvd./ Slauson Ave.	South	N/O Slauson Ave.	NO	0	0	6,695	1	3	2	Α	1	4	7	North S/O Slauson Ave.	NO	0	0	3,491	1	3	2	Α	1	4	7
69	Pioneer Blvd. /Los Nietos Rd.	South	N/O Los Nietos Rd.	NO	0	0	9,850	1	3	2	В	1	4	7	North S/O Los Nietos Rd.	NO	0	0	7,024	1	3	2	Α	1	4	7
70	Pioneer Blvd./ Telegraph Rd.	South	N/O Telegraph Rd.	YES	4	20	2,561	1	3	2	Α	1	4	27	North S/O Telegraph Rd.	YES	4	20	6,498	1	3	2	Α	1	4	27
71	Pioneer Blvd. / Florence Ave.	South	N/O Florence Ave.	YES	4	20	7,433	1	3	2	Α	1	4	27	North S/O Florence Ave.	YES	4	20	6,650	1	3	2	Α	1	4	27
72	Pioneer Blvd./ Imperial hwy.	South	N/O Imperial hwy.	YES	4	20	13,258	2	6	2	D	2	8	34	North S/O Imperial hwy.	YES	4	20	6,905	1	3	2	Α	1	4	27
73	Pioneer Blvd./ Firestone Blvd.	South	N/O Firestone Blvd.	YES	4	20	10,140	2	6	2	В	1	4	30	North S/O Firestone Blvd.	YES	4	20	10,140	2	6	2	В	1	4	30
74	Pioneer Blvd. / Rosecrans Ave./San Antonio Dr.	South	N/O Rosecrans Ave./San Antonio	YES	4	20	6,586	1	3	2	Α	1	4	27	North S/O Rosecrans Ave./San Antonio	YES	4	20	4,882	1	3	2	Α	1	4	27
75	Pioneer Blvd. / Alondra Blvd.	South	N/O Alondra Blvd.	YES	4	20	4,015	1	3	2	Α	1	4	27	North S/O Alondra Blvd.	YES	4	20	7,990	1	3	2	Α	1	4	27
76	Rosemead Blvd. / Beverly Blvd.	South	N/O Beverly Blvd.	YES	4	20	16,945	2	6	2	F	4	16	42	North S/O Beverly Blvd.	YES	4	20	13,655	2	6	2	D	2	8	34
77	Rosemead Blvd. / Whittier Blvd.	South	N/O Whittier Blvd.	YES	4	20	14,867	2	6	2	Е	3	12	38	North S/O Whittier Blvd.	YES	4	20	15,208	2	6	2	Е	3	12	38
78	Rosemead Blvd. / Washington Blvd.	South	N/O Washington Blvd.	YES	4	20	14,026	2	6	2	D	2	8	34	North S/O Washington Blvd.	YES	4	20	12,405	2	6	2	С	1	4	30
79	Rosemead Blvd. / Slauson Ave.	South	N/O Slauson Ave.	YES	4	20	11,874	2	6	2	С	1	4	30	North S/O Slauson Ave.	YES	4	20	11,874	2	6	2	С	1	4	30
80	Rosemead Blvd. /Lakewood Blvd. / Telegraph Rd.	South	N/O Lakewood/ Telegraph Rd.	YES	4	20	12,564	2	6	2	С	1	4	30	North S/O Lakewood/ Telegraph Rd.	YES	4	20	12,564	2	6	2	С	1	4	30
81	Lakewood Blvd. /I-5 North Ramp	South	N/O Lakewood/I-5 North Ramp	YES	4	20	16,400	2	6	2	F	4	16	42	North S/O Lakewood/I-5 North Ramp	YES	4	20	17,222	2	6	2	F	4	16	42
82	Lakewood Blvd. /I-5 South Ramp	South	N/O Lakewood/I-5 South Ramp	YES	4	20	16,400	2	6	3	В	1	4	30	North S/O Lakewood/I-5 South Ramp	YES	4	20	17,222	2	6	3	С	1	4	30
83	Lakewood/ Florence Ave.	South	N/O Lakewood/ Florence Ave.	YES	4	20	15,526	2	6	3	В	1	4	30	North S/O Lakewood/ Florence Ave.	YES	4	20	19,690	2	6	3	D	2	8	34

			APPROACH NAME	OACH NAME TSSP (Weight = 5)		AVERAGE DAILY TRAFFIC VOLUME FOR				LOS	6 (Weigh	t = 4)	Location Score	APPROACH NAME	TSSI	P (Weigh	it = 5)		RAGE DAILY C VOLUME FOR			LOS	(Weigh	t =4)	Location Score	
ID	Signal Intersection	Direction	Name	CMP	Raw Score	Weighted Score	Link Volume	Raw Score	Weighted Score	Lane Number	ros	Raw Score	Weighted Score	Rank Score	Direction Name	CMP	Raw Score	Weighted Score	Link Volume	Raw Score	Weighted Score	Lane Number	ros	Raw Score	Weighted Score	Rank Score
84	Lakewood Blvd. / Firestone Blvd.	South	N/O Lakewood/ Firestone Blvd.	YES	4	20	19,690	2	6	2	F	4	16	42	North S/O Lakewood/ Firestone Blvd.	YES	4	20	15,269	2	6	2	E	3	12	38
85	Santa Fe Springs Rd. / Whittier Blvd. /Washington Blvd.	Т	N/A	0	0	0	Direction	4	12	N/A	N/A	N/A	N/A	N/A	North S/O / Whittier/Washington	0	0	0	7,808	1	3	2	Α	1	4	7
86	Santa Fe Springs Rd. / Slauson Ave./ Mulberry Dr.	South	N/O / Slauson Ave./ Mulberry Dr.	YES	4	20	10,427	2	6	2	В	1	4	30	North S/O / Slauson Ave./ Mulberry Dr.	YES	4	20	8,799	1	3	2	Α	1	4	27
87	Santa Fe Springs Rd. / Telegraph Rd./Bloomfield	South	N/O / Telegraph Rd./Bloomfield	YES	4	20	10,427	2	6	2	В	1	4	30	North S/O / Telegraph Rd./Bloomfield	YES	4	20	9,125	1	3	2	А	1	4	27
88	Slauson Ave. /Telegraph Rd.	East	W/O Telegraph Rd.	YES	4	20	22,240	3	9	2	F	4	16	45	West E/O Telegraph Rd.	YES	4	20	14,052	2	6	2	D	2	8	34
89	Slauson Ave. / Paramount Blvd.	East	W/O Paramount Blvd.	YES	4	20	15,900	2	6	3	В	1	4	30	West E/O Paramount Blvd.	YES	4	20	15,900	2	6	3	В	1	4	30
90	Slauson Ave. / Rosemead Blvd.	East	W/O Rosemead Blvd.	YES	4	20	17,386	2	6	3	С	1	4	30	West E/O Rosemead Blvd.	YES	4	20	17,386	2	6	3	С	1	4	30
91	Slauson Ave. /I-605 Ramp	East	W/O I-605 Ramp	YES	4	20	18,053	2	6	2	F	4	16	42	West E/O I-605 Ramp	YES	4	20	18,053	2	6	2	F	4	16	42
92	Slauson Ave. /Pioneer Blvd.	East	W/O Pioneer Blvd.	YES	4	20	22,058	3	9	2	F	4	16	45	West E/O Pioneer Blvd.	YES	4	20	16,573	2	6	3	В	1	4	30
93	Slauson Ave. /Norwalk Blvd.	East	W/O Norwalk Blvd.	YES	4	20	10,366	2	6	3	Α	1	4	30	West E/O Norwalk Blvd.	YES	4	20	10,366	2	6	3	Α	1	4	30
94	Slauson Ave. /Santa Fe Springs Rd./Mulberry Dr.	East	W/O Santa Fe Springs Rd./Mulberry	YES	4	20	16,471	2	6	3	В	1	4	30	West E/O Santa Fe Springs/Mulberry	YES	4	20	8,811	1	3	3	Α	1	4	27
95	Telegraph Rd./Atlantic Boulevard	East	W/O Atlantic Boulevard	YES	4	20	13,122	2	6	3	Α	1	4	30	West E/O Atlantic Boulevard	YES	4	20	6,967	1	3	3	Α	1	4	27
96	Telegraph Rd./Camfield Avenue I-5 Northbound Ramps	East	W/O Camfield Avenue I-5 Northbound Ramps	YES	4	20	9,011	1	3	2	Α	1	4	27	West E/O Camfield Avenue I-5 Northbound Ramps	YES	4	20	9,011	1	3	2	Α	1	4	27
97	Telegraph Rd./Casino I-5 Northbound Ramps	East	W/O Casino I-5 Northbound Ramps	YES	4	20	5,452	1	3	3	А	1	4	27	West E/O Casino I-5 Northbound Ramps	YES	4	20	4,588	1	3	3	Α	1	4	27
98	Telegraph Rd./Washington Blvd.	East	W/O Washington Boulevard	YES	4	20	5,452	1	3	2	Α	1	4	27	West E/O Washington Boulevard	YES	4	20	4,588	1	3	3	Α	1	4	27
99	Telegraph Rd./Church Road I-5 Northbound Ramps	East	W/O Church Road I-5 Northbound Ramps	YES	4	20	6,417	1	3	2	Α	1	4	27	West E/O Church Road I-5 Northbound Ramps	YES	4	20	7,412	1	3	2	А	1	4	27
100	Telegraph Rd./Greenwood Avenue	East	W/O Greenwood Avenue	YES	4	20	6,161	1	3	2	А	1	4	27	West E/O Greenwood Avenue	YES	4	20	15,955	2	6	2	Е	3	12	38
101	Telegraph Rd./Slauson Avenue	East	W/O Slauson Avenue	YES	4	20	22,240	3	9	2	F	4	16	45	West E/O Slauson Avenue	YES	4	20	14,052	2	6	2	D	2	8	34
102	Telegraph Rd./Paramount Boulevard	East	W/O Paramount Boulevard	YES	4	20	10,015	2	6	2	В	1	4	30	West E/O Paramount Boulevard	YES	4	20	11,886	2	6	2	С	1	4	30
103	Boulevard/Rosemead Boulevard	East	Boulevard/Rosemead	YES	4	20	11,969	2	6	3	Α	1	4	30	West Boulevard/Rosemead	YES	4	20	15,707	2	6	3	В	1	4	30
104	Telegraph Rd./Cedardale Drive I-605 Southbound Ramps	East	W/O Cedardale Drive I-605 Southbound Ramps	YES	4	20	17,867	2	6	2	F	4	16	42	West E/O Cedardale Drive I-605 Southbound Ramps	YES	4	20	17,867	2	6	2	F	4	16	42
105	Telegraph Rd./Bartley Avenue I- 605 Northbound Ramps	East	W/O Bartley Avenue I-605 Northbound Ramps	YES	4	20	24,857	3	9	3	F	4	16	45	West E/O Bartley Avenue I-605 Northbound Ramps	YES	4	20	24,523	3	9	3	F	4	16	45
106	Telegraph Rd./Pioneer Boulevard	East	W/O Pioneer Boulevard	YES	4	20	24,857	3	9	3	F	4	16	45	West E/O Pioneer Boulevard	YES	4	20	20,352	3	9	3	D	2	8	37
107	Telegraph Rd./Norwalk Boulevard		W/O Norwalk Boulevard	YES	4	20	23,782	3	9	3	Е	3	12	41	West E/O Norwalk Boulevard	YES	4	20	19,985	2	6	3	D	2	8	34
108	Telegraph Rd./Santa Fe Springs Road/Bloomfield Avenue	East	W/O Santa Fe Springs Road/Bloomfield Avenue	YES	4	20	11,438	2	6	3	Α	1	4	30	West E/O Santa Fe Springs Road/Bloomfield Avenue	YES	4	20	13,390	2	6	3	А	1	4	30
109	Telegraph Rd./Painter Avenue	East	W/O Painter Avenue	YES	4	20	15,285	2	6	2	Е	3	12	38	West E/O Painter Avenue	YES	4	20	15,285	2	6	3	В	1	4	30
110	Telegraph Rd./Carmenita Road	East	W/O Carmenita Road	YES	4	20	19,225	2	6	2	F	4	16	42	West E/O Carmenita Road	YES	4	20	18,135	2	6	2	F	4	16	42
111	Telegraph Rd./Florence Avenue/Mills Avenue	East	W/O Florence Avenue/Mills Avenue	YES	4	20	12,257	2	6	2	С	1	4	30	West E/O Florence Avenue/Mills Avenue	YES	4	20	9,150	1	3	2	А	1	4	27

			APPROACH NAME	TSSF	P (Weigh	t = 5)	AVER TRAFFIC	RAGE DA			LOS	6 (Weigh	t = 4)	Location Score		APPROACH NAME	TSSI	P (Weigh	nt = 5)	AVERAGE DAILY TRAFFIC VOLUME FOR				LOS (Weight =		t =4)	Location Score
ID	Signal Intersection	Direction	Name	CMP	Raw Score	Weighted Score	Link Volume	Raw Score	Weighted Score	Lane Number	ROS	Raw Score	Weighted Score	Rank Score	Direction	Name	CMP	Raw Score	Weighted Score	Link Volume	Raw Score	Weighted Score	Lane Number	SOT	Raw Score	Weighted Score	Rank Score
112	Telegraph Rd./Valley View Avenue	East	W/O Valley View Avenue	YES	4	20	16,692	2	6	2	F	4	16	42	Wes	st E/O Valley View Avenue	YES	4	20	15,608	2	6	2	Е	3	12	38
113	Telegraph Rd./Imperial Highway	East	W/O Imperial Highway	YES	4	20	4,129	1	3	3	Α	1	4	27	Т	N/A	YES	4	20	Direction	4	12	N/A	N/A	N/A	N/A	N/A
114	Valley View Ave. / Telegraph Rd.	South	W/O Telegraph Rd.	YES	4	20	7,975	1	3	1	Е	3	12	35	Nort	th S/O Telegraph Rd.	YES	4	20	7,975	1	3	1	Е	3	12	35
115	Valley View Ave. /Imperial Hwy.	South	W/O Imperial Hwy.	YES	4	20	10,710	2	6	2	В	1	4	30	Nort	th S/O Imperial Hwy.	YES	4	20	16,792	2	6	2	F	4	16	42
116	Valley View Ave. / Rosecrans Ave.	South	W/O Rosecrans Ave.	YES	4	20	13,775	2	6	2	D	2	8	34	Nort	th S/O Rosecrans Ave.	YES	4	20	13,243	2	6	2	D	2	8	34
117	Washington Blvd. / Telegraph Rd.	East	W/O Telegraph Rd.	YES	4	20	5,452	1	3	2	А	1	4	27	Wes	st E/O Telegraph Rd.	YES	4	20	4,588	1	3	3	Α	1	4	27
118	Washington Blvd. / Greenwood Ave.	East	W/O Greenwood Ave.	YES	4	20	16,577	2	6	3	В	1	4	30	Wes	st E/O Greenwood Ave.	YES	4	20	14,857	2	6	3	В	1	4	30
119	Washington Blvd. / Paramount Blvd.	East	W/O Paramount Blvd.	YES	4	20	16,599	2	6	3	В	1	4	30	Wes	st E/O Paramount Blvd.	YES	4	20	16,599	2	6	3	В	1	4	30
120	Washington Blvd. / Rosemead Blvd.	East	W/O Rosemead Blvd.	YES	4	20	19,808	2	6	3	D	2	8	34	Wes	st E/O Rosemead Blvd.	YES	4	20	19,808	2	6	3	D	2	8	34
121	Washington Blvd. / Pioneer Blvd.	East	W/O Pioneer Blvd.	YES	4	20	17,964	2	6	3	С	1	4	30	Wes	st E/O Pioneer Blvd.	YES	4	20	25,574	3	9	3	F	4	16	45
122	Washington Blvd. / Norwalk Blvd.	East	W/O Norwalk Blvd.	YES	4	20	20,255	3	9	2	F	4	16	45	Wes	st E/O Norwalk Blvd.	YES	4	20	24,944	3	9	2	F	4	16	45
123	Washington Blvd. /Whittier Blvd. / Santa Fe Springs Rd.	East	W/O Whittier/ Santa Fe Springs Rd.	YES	4	20	15,950	2	6	3	В	1	4	30	Т	N/A	YES	4	20	Direction	4	12	N/A	N/A	N/A	N/A	N/A
124	Whittier Blvd. /Paramount Blvd.	East	W/O Paramount Blvd.	YES	4	20	14,179	2	6	2	D	2	8	34	Wes	st E/O Paramount Blvd.	YES	4	20	16,685	2	6	2	F	4	16	42
125	Whittier Blvd. /Rosemead Blvd.	East	W/O Rosemead Blvd.	YES	4	20	14,845	2	6	2	Е	3	12	38	Wes	st E/O Rosemead Blvd.	YES	4	20	16,480	2	6	2	F	4	16	42
126	Whittier Blvd. / Norwalk Blvd.	East	W/O Norwalk Blvd.	YES	4	20	15,276	2	6	2	Е	3	12	38	Wes	st E/O Norwalk Blvd.	YES	4	20	18,478	2	6	2	F	4	16	42
127	Whittier Blvd. / Santa Fe Springs Rd./Washington Blvd.	East	W/O Santa Fe Springs Rd./Washington	YES	4	20	15,950	2	6	3	В	1	4	30	Wes	st E/O Santa Fe Springs Rd./Washington	YES	4	20	15,950	2	6	2	Е	3	12	38
128	Whittier Blvd. / Painter Ave.	East	W/O Painter Ave.	YES	4	20	15,950	2	6	2	Е	3	12	38	Wes	st E/O Painter Ave.	YES	4	20	15,950	2	6	2	Е	3	12	38
129	Whittier Blvd. /Mills Ave.	East	W/O Mills Ave.	YES	4	20	15,950	2	6	2	Е	3	12	38	Wes	st E/O Mills Ave.	YES	4	20	15,950	2	6	2	Е	3	12	38
130	Whittier Blvd. / Colima Rd.	East	W/O Colima Rd.	YES	4	20	15,950	2	6	2	Е	3	12	38	Wes	st E/O Colima Rd.	YES	4	20	15,950	2	6	2	Е	3	12	38

Appendix C: Detection Ranking By Location

		£	APPROACH NAME		ANK	E	APPROACH NAME		ANK
ID	Signal Intersection	Direction	Name	Rank Score	Priority	Direction	Name	Rank Score	Value
22	Florence Ave. /Pioneer Blvd.	East	W/O Pioneer Blvd.	45	HIGH	West	E/O Pioneer Blvd.	45	HIGH
105	Telegraph Rd./Bartley Avenue I- 605 Northbound Ramps	East	W/O Bartley Avenue I-605 Northbound Ramps	45	HIGH	West	E/O Bartley Avenue I-605 Northbound Ramps	45	HIGH
122	Washington Blvd. / Norwalk Blvd.	East	W/O Norwalk Blvd.	45	HIGH	West	E/O Norwalk Blvd.	45	HIGH
23	Florence Ave. /Norwalk Blvd.	East	W/O Norwalk Blvd.	45	HIGH	West	E/O Norwalk Blvd.	42	HIGH
106	Telegraph Rd./Pioneer Boulevard	East	W/O Pioneer Boulevard	45	HIGH	West	E/O Pioneer Boulevard	37	HIGH
88	Slauson Ave. /Telegraph Rd.	East	W/O Telegraph Rd.	45	HIGH	West	E/O Telegraph Rd.	34	HIGH
101	Telegraph Rd./Slauson Avenue	East	W/O Slauson Avenue	45	HIGH	West	E/O Slauson Avenue	34	HIGH
92	Slauson Ave. /Pioneer Blvd.	East	W/O Pioneer Blvd.	45	HIGH	West	E/O Pioneer Blvd.	30	MEDIUM
64	Paramount Blvd. / I-5 Fwy Ramp	South	N/O I-5 Fwy Ramp	42	HIGH	North	S/O I-5 Fwy Ramp	42	HIGH
81	Lakewood Blvd. /I-5 North Ramp	South	N/O Lakewood/I-5 North Ramp	42	HIGH	North	S/O Lakewood/I-5 North Ramp	42	HIGH
91	Slauson Ave. /I-605 Ramp	East	W/O I-605 Ramp	42	HIGH	West	E/O I-605 Ramp	42	HIGH
104	Telegraph Rd./Cedardale Drive I- 605 Southbound Ramps	East	W/O Cedardale Drive I-605 Southbound Ramps	42	HIGH	West	E/O Cedardale Drive I-605 Southbound Ramps	42	HIGH
110	Telegraph Rd./Carmenita Road	East	W/O Carmenita Road	42	HIGH	West	E/O Carmenita Road	42	HIGH
65	Paramount Blvd. / Florence Ave.	South	N/O Florence Ave.	42	HIGH	North	S/O Florence Ave.	38	HIGH
84	Lakewood Blvd. / Firestone Blvd.	South	N/O Lakewood/ Firestone Blvd.	42	HIGH	North	S/O Lakewood/ Firestone Blvd.	38	HIGH
112	Telegraph Rd./Valley View Avenue	East	W/O Valley View Avenue	42	HIGH	West	E/O Valley View Avenue	38	HIGH
76	Rosemead Blvd. / Beverly Blvd.	South	N/O Beverly Blvd.	42	HIGH	North	S/O Beverly Blvd.	34	HIGH
52	Norwalk Blvd./Rosecrans Ave.	South	N/O Rosecrans	42	HIGH	North	S/O Rosecrans	30	MEDIUM
107	Telegraph Rd./Norwalk Boulevard	East	W/O Norwalk Boulevard	41	HIGH	West	E/O Norwalk Boulevard	34	HIGH
19	Florence Ave. /Paramount Blvd.	East	W/O Paramount Blvd.	41	HIGH	West	E/O Paramount Blvd.	30	MEDIUM
125	Whittier Blvd. /Rosemead Blvd.	East	W/O Rosemead Blvd.	38	HIGH	West	E/O Rosemead Blvd.	42	HIGH
126	Whittier Blvd. / Norwalk Blvd.	East	W/O Norwalk Blvd.	38	HIGH	West	E/O Norwalk Blvd.	42	HIGH
6	Beverly Blvd./Norwalk Blvd.	East	W/O Norwalk	38	HIGH	West	E/O Norwalk	38	HIGH
18	Carmenita Rd. /Rosecrans Ave.	South	N/O Rosecrans Ave.	38	HIGH	North	S/O Rosecrans Ave.	38	HIGH
28	Colima Rd. /Whittier Blvd.	South	N/O Whittier	38	HIGH	North	S/O Whittier	38	HIGH
37	Mills Ave. /Whittier Blvd.	East	W/O Whittier Blvd.	38	HIGH	West	E/O Whittier Blvd.	38	HIGH
77	Rosemead Blvd. / Whittier Blvd.	South	N/O Whittier Blvd.	38	HIGH	North	S/O Whittier Blvd.	38	HIGH
128	Whittier Blvd. / Painter Ave.	East	W/O Painter Ave.	38	HIGH	West	E/O Painter Ave.	38	HIGH
129	Whittier Blvd. /Mills Ave.	East	W/O Mills Ave.	38	HIGH	West	E/O Mills Ave.	38	HIGH
130	Whittier Blvd. / Colima Rd.	East	W/O Colima Rd.	38	HIGH	West	E/O Colima Rd.	38	HIGH
109	Telegraph Rd./Painter Avenue	East	W/O Painter Avenue	38	HIGH	West	E/O Painter Avenue	30	MEDIUM
21	Florence Ave. /I-605	East	W/O I-605	37	HIGH	West	E/O I-605	45	HIGH
114	Valley View Ave. / Telegraph Rd.	South	W/O Telegraph Rd.	35	HIGH	North	S/O Telegraph Rd.	35	HIGH
124	Whittier Blvd. /Paramount Blvd.	East	W/O Paramount Blvd.	34	HIGH	West	E/O Paramount Blvd.	42	HIGH
66	Paramount Blvd. / Firestone Blvd.	South	N/O Firestone Blvd.	34	HIGH	North	S/O Firestone Blvd.	34	HIGH
116	Valley View Ave. / Rosecrans Ave.	South	W/O Rosecrans Ave.	34	HIGH	North	S/O Rosecrans Ave.	34	HIGH
120	Washington Blvd. / Rosemead	East	W/O Rosemead Blvd.	34	HIGH	West	E/O Rosemead Blvd.	34	HIGH
24	Blvd. Florence Ave. /Carmenita Rd.	East	W/O Carmenita Rd.	34	HIGH	West	E/O Carmenita Rd.	30	MEDIUM
45	Norwalk Blvd./ Slauson Ave.	South	N/O Slauson Ave.	34	HIGH	North	S/O Slauson Ave.	30	MEDIUM
47	Norwalk Blvd./ Telegraph Rd.	South	N/O Telegraph Rd.	34	HIGH	North	S/O Telegraph Rd.	30	MEDIUM
78	Rosemead Blvd. / Washington	South	N/O Washington Blvd.	34	HIGH	North	S/O Washington Blvd.	30	MEDIUM
72	Blvd. Pioneer Blvd./ Imperial hwy.	South	N/O Imperial hwy.	34	HIGH	North	S/O Imperial hwy.	27	LOW
123	Washington Blvd. /Whittier Blvd. /	East	W/O Whittier/ Santa Fe	30	MEDIUM	T	N/A	N/A	N/A
	Santa Fe Springs Rd. Washington Blvd. / Pioneer Blvd.	East	Springs Rd. W/O Pioneer Blvd.	30	MEDIUM	West	E/O Pioneer Blvd.	45	HIGH

		_	APPROACH NAME	F	RANK	_	APPROACH NAME	R	RANK
ID	Signal Intersection	Direction	Name	Rank Score	Priority	Direction	Name	Rank Score	Value
5	Beverly Blvd./Rosemead Blvd.	East	W/O Rosemead	30	MEDIUM	West	E/O Rosemead	42	HIGH
115	Valley View Ave. /Imperial Hwy.	South	W/O Imperial Hwy.	30	MEDIUM	North	S/O Imperial Hwy.	42	HIGH
30	La Mirada Blvd. /Imperial Hwy.	South	N/O Imperial Hwy.	30	MEDIUM	North	S/O Imperial Hwy.	38	HIGH
127	Whittier Blvd. / Santa Fe Springs Rd./Washington Blvd.	East	W/O Santa Fe Springs Rd./Washington	30	MEDIUM	West	E/O Santa Fe Springs Rd./Washington	38	HIGH
20	Florence Ave. /Lakewood Blvd.	East	W/O Rosemead/Lakewood Blvd.	30	MEDIUM	West	E/O Rosemead/Lakewood Blvd.	37	HIGH
15	Carmenita Rd. /Telegraph Rd.	South	N/O Telegraph Rd.	30	MEDIUM	North	S/O Telegraph Rd.	34	HIGH
83	Lakewood/ Florence Ave.	South	N/O Lakewood/ Florence Ave.	30	MEDIUM	North	S/O Lakewood/ Florence Ave.	34	HIGH
4	Beverly Blvd./Paramount Blvd.	East	W/O Paramount	30	MEDIUM	West	E/O Paramount	30	MEDIUM
14	Carmenita Rd. /Painter Ave. /Walburg St.	South	N/O Painter/Walburg	30	MEDIUM	North	S/O Painter/Walburg	30	MEDIUM
29	La Mirada Blvd. /Mulberry Dr.	South	N/O Mulberry Dr.	30	MEDIUM	North	S/O Mulberry Dr.	30	MEDIUM
31	La Mirada Blvd. /Rosecrans Ave.	South	N/O Rosecrans Ave.	30	MEDIUM	North	S/O Rosecrans Ave.	30	MEDIUM
36	Mills Ave. /Mulberry Dr.	East	W/O Mulberry Dr.	30	MEDIUM	West	E/O Mulberry Dr.	30	MEDIUM
40	Mulberry Dr. /Mills Ave.	East	W/O Mills Ave.	30	MEDIUM	West	E/O Mills Ave.	30	MEDIUM
48	Norwalk Blvd. / Florence Ave.	South	N/O Florence Ave.	30	MEDIUM	North	S/O Florence Ave.	30	MEDIUM
50	Norwalk Blvd./ San Antonio Dr. / Firestone Blvd.	South	N/O San Antonio/ Firestone Blvd.	30	MEDIUM	North	S/O San Antonio/ Firestone Blvd.	30	MEDIUM
53	Norwalk Blvd. /Alondra Blvd.	South	N/O Alondra	30	MEDIUM	North	S/O Alondra	30	MEDIUM
55	Painter Ave. /Mulberry Dr.	South	N/O Mulberry Dr.	30	MEDIUM	North	S/O Mulberry Dr.	30	MEDIUM
56	Painter Ave. /Carmenita Rd. /Walburg St.	South	N/O Carmenita/Walburg St.	30	MEDIUM	North	S/O Carmenita/Walburg St.	30	MEDIUM
61	Paramount Blvd. / Washington Blvd.	South	N/O Washington Blvd.	30	MEDIUM	North	S/O Washington Blvd.	30	MEDIUM
62	Paramount Blvd. / Slauson Ave.	South	N/O Slauson Ave.	30	MEDIUM	North	S/O Slauson Ave.	30	MEDIUM
73	Pioneer Blvd./ Firestone Blvd.	South	N/O Firestone Blvd.	30	MEDIUM	North	S/O Firestone Blvd.	30	MEDIUM
79	Rosemead Blvd. / Slauson Ave.	South	N/O Slauson Ave.	30	MEDIUM	North	S/O Slauson Ave.	30	MEDIUM
80	Rosemead Blvd. /Lakewood Blvd. / Telegraph Rd.	South	N/O Lakewood/ Telegraph Rd.	30	MEDIUM	North	S/O Lakewood/ Telegraph Rd.	30	MEDIUM
82	Lakewood Blvd. /I-5 South Ramp	South	N/O Lakewood/I-5 South Ramp	30	MEDIUM	North	S/O Lakewood/I-5 South Ramp	30	MEDIUM
89	Slauson Ave. / Paramount Blvd.	East	W/O Paramount Blvd.	30	MEDIUM	West	E/O Paramount Blvd.	30	MEDIUM
90	Slauson Ave. / Rosemead Blvd.	East	W/O Rosemead Blvd.	30	MEDIUM	West	E/O Rosemead Blvd.	30	MEDIUM
93	Slauson Ave. /Norwalk Blvd.	East	W/O Norwalk Blvd.	30	MEDIUM	West	E/O Norwalk Blvd.	30	MEDIUM
102	Telegraph Rd./Paramount Boulevard	East	W/O Paramount Boulevard	30	MEDIUM	West	E/O Paramount Boulevard	30	MEDIUM
103	Telegraph Rd./Lakewood Boulevard/Rosemead Boulevard (State Hwy 19)	East	W/O Lakewood Boulevard/Rosemead Boulevard (State Hwy 19)	30	MEDIUM	West	E/O Lakewood Boulevard/Rosemead Boulevard (State Hwy 19)	30	MEDIUM
108	Telegraph Rd./Santa Fe Springs Road/Bloomfield Avenue	East	W/O Santa Fe Springs Road/Bloomfield Avenue	30	MEDIUM	West	E/O Santa Fe Springs Road/Bloomfield Avenue	30	MEDIUM
118	Washington Blvd. / Greenwood Ave.	East	W/O Greenwood Ave.	30	MEDIUM	West	E/O Greenwood Ave.	30	MEDIUM
119	Washington Blvd. / Paramount Blvd.	East	W/O Paramount Blvd.	30	MEDIUM	West	E/O Paramount Blvd.	30	MEDIUM
7	Bloomfield Ave. /Telegraph Rd./Santa Fe Springs Rd.	South	N/O Telegraph Rd./Santa Fe Springs	30	MEDIUM	North	S/O Telegraph Rd./Santa Fe Springs	27	LOW
8	Bloomfield Ave. /Florence Ave.	South	N/O Florence	30	MEDIUM	North	S/O Florence	27	LOW
25	Florence Ave. /Telegraph Rd./Mills Ave.	East	W/O Telegraph Rd./Mills	30	MEDIUM	West	E/O Telegraph Rd./Mills	27	LOW
35	Mills/Telegraph Rd./Florence Ave.	East	W/O Telegraph Rd./Florence	30	MEDIUM	West	E/O Telegraph Rd./Florence	27	LOW
38	Mulberry Dr. /Santa Fe Springs Rd./Slauson Ave.	East	W/O Santa Fe Springs Rd./Slauson	30	MEDIUM	West	E/O Santa Fe Springs Rd./Slauson	27	LOW
41	Mulberry Dr. /La Mirada Blvd.	East	W/O La Mirada Blvd.	30	MEDIUM	West	E/O La Mirada Blvd.	27	LOW
49	Norwalk Blvd./ Imperial Hwy.	South	N/O Imperial Hwy.	30	MEDIUM	North	S/O Imperial Hwy.	27	LOW
86	Santa Fe Springs Rd. / Slauson Ave./ Mulberry Dr.	South	N/O / Slauson Ave./ Mulberry Dr.	30	MEDIUM	North	S/O / Slauson Ave./ Mulberry Dr.	27	LOW
87	Santa Fe Springs Rd. / Telegraph Rd./Bloomfield	South	N/O / Telegraph Rd./Bloomfield	30	MEDIUM	North	S/O / Telegraph Rd./Bloomfield	27	LOW
94	Slauson Ave. /Santa Fe Springs Rd./Mulberry Dr.	East	W/O Santa Fe Springs Rd./Mulberry	30	MEDIUM	West	E/O Santa Fe Springs/Mulberry	27	LOW
95	Telegraph Rd./Atlantic Boulevard	East	W/O Atlantic Boulevard	30	MEDIUM	West	E/O Atlantic Boulevard	27	LOW
111	Telegraph Rd./Florence Avenue/Mills Avenue	East	W/O Florence Avenue/Mills Avenue	30	MEDIUM	West	E/O Florence Avenue/Mills Avenue	27	LOW

Name	N/A N/A N/A N/A Avenue 38 wy. 34 er 30	N/A N/A N/A N/A HIGH HIGH
32 Los Nietos Rd. / Pioneer Blvd. East W/O Pioneer 27 LOW West E/O Pioneer 51 San Antonio Dr. / Rosecrans Ave./Pioneer Blvd. South Ave./Pioneer Blvd. T N/A Telegraph Rd./Imperial Highway East W/O Imperial Highway 27 LOW T N/A 100 Telegraph Rd./Greenwood Avenue East W/O Greenwood Avenue 27 LOW West E/O Greenwood Avenue 17 Carmenita Rd. /Imperial Hwy. South N/O Imperial Hwy. 27 LOW North S/O Imperial Hw 1 Alonda Blvd. / Pioneer Blvd. East W/O Pioneer 27 LOW West E/O Pioneer 2 Alonda Blvd. / Norwalk Blvd. East W/O Norwalk 27 LOW West E/O Norwalk 3 Alonda Blvd. / Bloomfield Ave. East W/O Bloomfield 27 LOW West E/O Bloomfield Norwalk Blvd. / Los Nietos Rd. South N/O Los Nietos Rd. 27 LOW North S/O Los Nietos Py Bloomfield Ave./ Imperial Hwy. South N/O Imperial Hwy. 27 LOW North S/O Los Nietos Py Bloomfield Ave./ Imperial Hwy. South N/O Imperial Hwy. 27 LOW North S/O Imperial Hwy.	N/A N/A N/A N/A Avenue 38 wy. 34 er 30	N/A N/A N/A HIGH
San Antonio Dr. / Rosecrans Ave./Pioneer Blvd. South Ave./Pioneer Blvd. Telegraph Rd./Imperial Highway East W/O Imperial Highway 27 LOW T N/A 100 Telegraph Rd./Greenwood Avenue East W/O Greenwood Avenue 27 LOW West E/O Greenwood Avenue 17 Carmenita Rd. /Imperial Hwy. South N/O Imperial Hwy. N/O Imperial Hwy. LOW North S/O Imperial Hwy. Alonda Blvd. / Pioneer Blvd. East W/O Pioneer 27 LOW West E/O Pioneer 27 LOW West E/O Pioneer 28 Alonda Blvd. / Norwalk Blvd. Alonda Blvd. / Bloomfield Ave. East W/O Bloomfield 27 LOW West E/O Bloomfield 27 LOW West E/O Bloomfield 3 Alonda Blvd. / Bloomfield Ave. Bast W/O Bloomfield 27 LOW West E/O Bloomfield 27 LOW West E/O Bloomfield 3 Alonda Blvd. / Los Nietos Rd. South N/O Los Nietos Rd. 27 LOW North S/O Imperial Hwy. 27 LOW North S/O Imperial Hwy. 27 LOW North S/O Imperial Hwy.	N/A N/A Avenue 38 Wy. 34 er 30	N/A N/A HIGH HIGH
Ave./Pioneer Blvd. Ave./Pioneer Blvd. Ave./Pioneer 27 LOW I N/A 113 Telegraph Rd./Imperial Highway East W/O Imperial Highway 27 LOW T N/A 100 Telegraph Rd./Greenwood Avenue East W/O Greenwood Avenue 27 LOW West E/O Greenwood A 17 Carmenita Rd. /Imperial Hwy. South N/O Imperial Hwy. 27 LOW North S/O Imperial Hv 1 Alonda Blvd. / Pioneer Blvd. East W/O Pioneer 27 LOW West E/O Pioneer 2 Alonda Blvd. / Norwalk Blvd. East W/O Norwalk 27 LOW West E/O Norwalk 3 Alonda Blvd. / Bloomfield Ave. East W/O Bloomfield 27 LOW West E/O Bloomfield 46 Norwalk Blvd. / Los Nietos Rd. South N/O Los Nietos Rd. 27 LOW North S/O Los Nietos 9 Bloomfield Ave./ Imperial Hwy. South N/O Imperial Hwy. 27 LOW North S/O Imperial Hv	N/A Avenue 38 wy. 34 er 30	N/A HIGH HIGH
Telegraph Rd./Greenwood Avenue East W/O Greenwood Avenue 27 LOW West E/O Greenwood Avenue 17 Carmenita Rd. /Imperial Hwy. South N/O Imperial Hwy. 27 LOW North S/O Imperial Hw 1 Alonda Blvd. / Pioneer Blvd. East W/O Pioneer 27 LOW West E/O Pioneer 2 Alonda Blvd. / Norwalk Blvd. East W/O Norwalk 27 LOW West E/O Norwalk 3 Alonda Blvd. / Bloomfield Ave. East W/O Bloomfield 27 LOW West E/O Bloomfield Norwalk Blvd. / Los Nietos Rd. South N/O Los Nietos Rd. 27 LOW North S/O Los Nietos Rd. 9 Bloomfield Ave./ Imperial Hwy. South N/O Imperial Hwy. 27 LOW North S/O Imperial Hwy.	Avenue 38 wy. 34 er 30	HIGH
17 Carmenita Rd. /Imperial Hwy. South N/O Imperial Hwy. 1 Alonda Blvd. / Pioneer Blvd. East W/O Pioneer W/O Norwalk The company of the c	wy. 34 er 30	HIGH
1 Alonda Blvd. / Pioneer Blvd. East W/O Pioneer 27 LOW West E/O Pioneer 2 Alonda Blvd. / Norwalk Blvd. East W/O Norwalk 27 LOW West E/O Norwalk 3 Alonda Blvd. / Bloomfield Ave. East W/O Bloomfield 27 LOW West E/O Bloomfiel 46 Norwalk Blvd. / Los Nietos Rd. South N/O Los Nietos Rd. 27 LOW North S/O Los Nietos Rd. 9 Bloomfield Ave./ Imperial Hwy. South N/O Imperial Hwy. 27 LOW North S/O Imperial Hwy.	er 30	
2 Alonda Blvd. / Norwalk Blvd. East W/O Norwalk 27 LOW West E/O Norwalk 3 Alonda Blvd. / Bloomfield Ave. East W/O Bloomfield 27 LOW West E/O Bloomfield 46 Norwalk Blvd. / Los Nietos Rd. South N/O Los Nietos Rd. 27 LOW North S/O Los Nietos Rd. 9 Bloomfield Ave. / Imperial Hwy. South N/O Imperial Hwy. 27 LOW North S/O Imperial Hwy.		MEDIII
3 Alonda Blvd. / Bloomfield Ave. East W/O Bloomfield 27 LOW West E/O Bloomfield 46 Norwalk Blvd. / Los Nietos Rd. South N/O Los Nietos Rd. 27 LOW North S/O Los Nietos 9 Bloomfield Ave./ Imperial Hwy. South N/O Imperial Hwy. 27 LOW North S/O Imperial Hwy.	k 30	MEDIUM
46 Norwalk Blvd. / Los Nietos Rd. South N/O Los Nietos Rd. 27 LOW North S/O Los Nietos 9 Bloomfield Ave./ Imperial Hwy. South N/O Imperial Hwy. 27 LOW North S/O Imperial Hwy.		MEDIUM
9 Bloomfield Ave./ Imperial Hwy. South N/O Imperial Hwy. 27 LOW North S/O Imperial Hw	eld 30	MEDIUM
	s Rd. 30	MEDIUM
12 Bloomfield Ave / Rosecrans Ave South N/O Rosecrans 27 LOW North S/O Passarate	wy. 27	LOW
12 Stochilled 700. 7 Rosecialis 700. Rosecialis 27 LOV NOTH S/O Rosecialis	ins 27	LOW
13 Bloomfield Ave. /Alondra South N/O Alondra 27 LOW North S/O Alondra	a 27	LOW
16 Carmenita Rd. /Florence Ave. South N/O Florence Ave. 27 LOW North S/O Florence A	Ave. 27	LOW
26 Greenwood Blvd. /Washington South N/O Washington Blvd. 27 LOW North S/O Washington	Blvd. 27	LOW
33 Los Nietos Rd. / Norwalk Blvd. East W/O Norwalk 27 LOW West E/O Norwalk	k 27	LOW
39 Mulberry Dr. /Painter Ave. East W/O Painter Ave. 27 LOW West E/O Painter Ave.	ve. 27	LOW
42 Norwalk Blvd. / Beverly Blvd. South N/O Beverly Blvd. 27 LOW North S/O Beverly Bl	lvd. 27	LOW
43 Norwalk Blvd./ Whittier Blvd. South N/O Whittier Blvd. 27 LOW North S/O Whittier Bl	Slvd. 27	LOW
44 Norwalk Blvd./ Washington Blvd. South N/O Washington Blvd. 27 LOW North S/O Washington	Blvd. 27	LOW
54 Painter Ave. /Whittier Blvd. South N/O Whittier Blvd. 27 LOW North S/O Whittier Bl	lvd. 27	LOW
57 Painter Ave. / Los Nietos Rd. South N/O Los Nietos 27 LOW North S/O Los Nietos	os 27	LOW
58 Painter Ave. / Telegraph Rd. South N/O Telegraph Rd. 27 LOW North S/O Telegraph	Rd. 27	LOW
59 Paramount Blvd. / Beverly Blvd. South N/O Beverly Blvd. 27 LOW North S/O Beverly Bl	lvd. 27	LOW
60 Paramount Blvd. / Whittier Blvd. South N/O Whittier Blvd. 27 LOW North S/O Whittier Bl	Blvd. 27	LOW
63 Paramount Blvd. / Telegraph Rd. South N/O Telegraph Rd. 27 LOW North S/O Telegraph	Rd. 27	LOW
70 Pioneer Blvd./ Telegraph Rd. South N/O Telegraph Rd. 27 LOW North S/O Telegraph	Rd. 27	LOW
71 Pioneer Blvd. / Florence Ave. South N/O Florence Ave. 27 LOW North S/O Florence A	Ave. 27	LOW
74 Pioneer Blvd. / Rosecrans Ave./San Antonio Dr. South N/O Rosecrans Ave./San Antonio 27 LOW North S/O Rosecrans Ave./San Antonio	ve./San 27	LOW
75 Pioneer Blvd. / Alondra Blvd. South N/O Alondra Blvd. 27 LOW North S/O Alondra Blvd.	Blvd. 27	LOW
96 Telegraph Rd./Camfield Avenue I-5 Northbound Ramps Telegraph Rd./Camfield Avenue I-5 East Northbound Ramps W/O Camfield Avenue I-5 Northbound Ramps E/O Camfield Avenue I-5 Northbound Ramps	')/	LOW
97 Telegraph Rd./Casino I-5 Northbound Ramps East W/O Casino I-5 Northbound Ramps East Ramps LOW West E/O Casino I-5 North Ramps		LOW
98 Telegraph Rd./Washington Blvd. East W/O Washington Boulevard 27 LOW West E/O Washington Bo	oulevard 27	LOW
99 Telegraph Rd./Church Road I-5 Northbound Ramps Telegraph Rd./Church Road I-5 Northbound Ramps Telegraph Rd./Church Road I-5 Northbound Ramps East Northbound Ramps Telegraph Rd./Church Road I-5 Northbound Ramps	'77	LOW
117 Washington Blvd. / Telegraph Rd. East W/O Telegraph Rd. 27 LOW West E/O Telegraph	•	LOW
10 Bloomfield Ave. / I-5 NB On-ramp South N/O I-5 NB On-Ramp 11 LOW North S/O I-5 NB On-R	Ramp 7	LOW
67 Pioneer Blvd./ Washington Blvd. South N/O Washington Blvd. 11 LOW North S/O Washington	Blvd. 7	LOW
68 Pioneer Blvd./ Slauson Ave. South N/O Slauson Ave. 7 LOW North S/O Slauson A	Ave. 7	LOW
69 Pioneer Blvd. /Los Nietos Rd. South N/O Los Nietos Rd. 7 LOW North S/O Los Nietos	Rd. 7	LOW
85 Santa Fe Springs Rd. / Whittier Blvd. / Washington Blvd. T N/A N/A N/A North S/O / Whittier/Wash	hington 7	LOW
	ie N/A	N/A
11 Bloomfield Ave. / Firestone Blvd. South N/O Firestone N/A N/A North S/O Firestone		N/A

Appendix D: Existing Condition and Recommendation for High Priority Locations

		APPROACH NAME			ət.?	up over the tors?	n 0.5 miles	oles?	Final Ins	tallation Recomn	nendation	AF	PROACH NAME			et.?	up over the	than 0.5 h)?	oles?	Final Ins	allation Recomn	nendation
ID	Signal Intersection	Direction Name	Rank Scores	Preliminary Ranking (East/South)	Existing Adv. De	Traffic queue not back ı advanced detect	Is the distance less than (East/South)?	Separate DLC Cable	Install New System Detector (East/South)	Rewiring Existing Advanced Detector (East/South)	xisting Advanced Petector (Fast/South)	Direction	Name	Rank Scores	Preliminary Ranking (West/North)	Existing Adv. Det	Traffic queue not back up o advanced detectors'	Is the distance less than C miles(West/North)?	Separate DLC Cabl	Install New System Detector (West/North)	Rewiring Existing Advanced Detector (West/North)	Use Existing Advanced Detector (West/North)
114	Valley View Ave. / Telegraph Rd.	South W/O Telegraph Rd.	35	HIGH	Yes	N/A	No	No	Х			North	S/O Telegraph Rd.	35	HIGH	Yes	N/A	Yes	No		Х	
21	Florence Ave. /I-605	East W/O I-605	37	HIGH	No	No	Yes	No	Х			West	E/O I-605	45	HIGH	No	No	Yes	No	х		
6	Beverly Blvd./Norwalk Blvd.	East W/O Norwalk	38	HIGH	Yes	No	No	No	Х			West	E/O Norwalk	38	HIGH	Yes	No	Yes	No	Х		
18	Carmenita Rd. /Rosecrans Ave.	South N/O Rosecrans Ave.	38	HIGH	Yes	No	Yes	No	Х			North	S/O Rosecrans Ave.	38	HIGH	Yes	No	No	No	Х		
28	Colima Rd. /Whittier Blvd.	South N/O Whittier	38	HIGH	Yes	Yes	No	Yes	Х			North	S/O Whittier	38	HIGH	Yes	Yes	No	Yes	Х		
37	Mills Ave. /Whittier Blvd.	East W/O Whittier Blvd.	. 38	HIGH	Yes	No	Yes	Yes	х			West	E/O Whittier Blvd.	38	HIGH	Yes	No	No	Yes	Х		
77	Rosemead Blvd. / Whittier Blvd.	South N/O Whittier Blvd.	. 38	HIGH	Yes	Yes	No	Yes	х			North	S/O Whittier Blvd.	38	HIGH	Yes	Yes	Yes	Yes			х
125	Whittier Blvd. /Rosemead Blvd.	East W/O Rosemead Blvd.	38	HIGH	Yes	No	Yes	No	х			West	E/O Rosemead Blvd.	42	HIGH	Yes	No	Yes	No	Х		
126	Whittier Blvd. / Norwalk Blvd.	East W/O Norwalk Blvd.	38	HIGH	Yes	No	Yes	Yes	х			West	E/O Norwalk Blvd.	42	HIGH	Yes	No	Yes	Yes	Х		
128	Whittier Blvd. / Painter Ave.	East W/O Painter Ave.	38	HIGH	Yes	No	Yes	Yes	х			West	E/O Painter Ave.	38	HIGH	Yes	No	Yes	Yes	Х		
129	Whittier Blvd. /Mills Ave.	East W/O Mills Ave.	38	HIGH	Yes	No	Yes	Yes	х			West	E/O Mills Ave.	38	HIGH	Yes	No	Yes	Yes	Х		
130	Whittier Blvd. / Colima Rd.	East W/O Colima Rd.	38	HIGH	Yes	No	Yes	Yes	Х			West	E/O Colima Rd.	38	HIGH	Yes	No	Yes	Yes	Х		
19	Florence Ave. /Paramount Blvd.	East W/O Paramount Blvd.	41	HIGH	Yes	No	Yes	No	Х			West	E/O Paramount Blvd.									
52	Norwalk Blvd./Rosecrans Ave.	South N/O Rosecrans	42	HIGH	No	Yes	No	No	Х			North	S/O Rosecrans									
76	Rosemead Blvd. / Beverly Blvd.	South N/O Beverly Blvd.	42	HIGH	Yes	No	Yes	Yes	Х			North	S/O Beverly Blvd.	34	HIGH	Yes	No	Yes	Yes	Х		
91	Slauson Ave. /I-605 Ramp	East W/O I-605 Ramp	42	HIGH	No	N/A	No	N/A	Х			West	E/O I-605 Ramp	42	HIGH	No	N/A	Yes	N/A	Х		
112	Telegraph Rd./Valley View Avenue	East W/O Valley View Avenue	42	HIGH	Yes	N/A	No	No	Х			West	E/O Valley View Avenue	38	HIGH	Yes	N/A	Yes	No		Х	
23	Florence Ave. /Norwalk Blvd.	East W/O Norwalk Blvd.	45	HIGH	Yes	N/A	No	No	Х			West	E/O Norwalk Blvd.	42	HIGH	Yes	N/A	No	No	Х		
88	Slauson Ave. /Telegraph Rd.	East W/O Telegraph Rd.	45	HIGH	Yes	N/A	No	No	Х			West	E/O Telegraph Rd.	34	HIGH	Yes	N/A	Yes	No		Х	
24	Florence Ave. /Carmenita Rd.	East W/O Carmenita Rd.	34	HIGH	Yes	N/A	Yes	No		х		West	E/O Carmenita Rd.									
45	Norwalk Blvd./ Slauson Ave.	South N/O Slauson Ave.	34	HIGH	Yes	N/A	Yes	No		Х		North	S/O Slauson Ave.									
47	Norwalk Blvd./ Telegraph Rd.	South N/O Telegraph Rd.	34	HIGH	Yes	N/A	Yes	No		Х		North	S/O Telegraph									
66	Paramount Blvd. / Firestone Blvd.	N/O Firestone	34	HIGH	Yes	N/A	Yes	No		Х		North	S/O Firestone Blvd.	34	HIGH	Yes	N/A	No	No	Х		
72	Pioneer Blvd./ Imperial hwy.	South N/O Imperial hwy.	34	HIGH	Yes	Yes	Yes	No		Х		North	S/O Imperial hwy.									
116	Valley View Ave. / Rosecrans Ave.	South W/O Rosecrans Ave.	34	HIGH	Yes	N/A	Yes	N/A		Х		North	S/O Rosecrans Ave.	34	HIGH	Yes	N/A	No	N/A	Х		
109	Telegraph Rd./Painter Avenue	East W/O Painter Avenue	38	HIGH	Yes	N/A	Yes	No		Х		West	E/O Painter Avenue									
107	Telegraph Rd./Norwalk Boulevard	East W/O Norwalk Boulevard	41	HIGH	Yes	N/A	Yes	No		Х		West	E/O Norwalk Boulevard	34	HIGH	Yes	N/A	No	No	Х		
65	Paramount Blvd. / Florence Ave.	South N/O Florence Ave.	42	HIGH	Yes	N/A	Yes	No		х		North	S/O Florence Ave.	38	HIGH	Yes	N/A	Yes	No		Х	
84	Lakewood Blvd. / Firestone Blvd.	South N/O Lakewood/ Firestone Blvd.	42	HIGH	Yes	N/A	Yes	No		х		North	S/O Lakewood/ Firestone Blvd.	38	HIGH	Yes	N/A	No	No	Х		
110	Telegraph Rd./Carmenita Road	East W/O Carmenita Road	42	HIGH	Yes	N/A	Yes	No		х		West	E/O Carmenita Road	42	HIGH	Yes	N/A	Yes	No		Х	
22	Florence Ave. /Pioneer Blvd.	East W/O Pioneer Blvd.	45	HIGH	Yes	N/A	Yes	No		Х		West	E/O Pioneer Blvd.	45	HIGH	Yes	N/A	No	No	Х		

		API	PROACH NAME			Det.?	up over the ors?	n 0.5 miles ?	bles?	Final Ins	tallation Recomn	nendation	AI	PPROACH NAME				bles?	Final Installation Recommendation		nendation		
ID	Signal Intersection	Direction	Name	Rank Scores	Preliminary Ranking (East/South)	Existing Adv. D	Traffic queue not back advanced detect	Is the distance less than (East/South)?	Separate DLC Cable	Install New System Detector (East/South)	Rewiring Existing Advanced Detector (East/South)	Use Existing Advanced Detector (East/South)	Direction	Name	Rank Scores	Preliminary Ranking (West/North)	Existing Adv. D	Traffic queue not back up ov advanced detectors?	Is the distance less than miles(West/North)?	Separate DLC Cable	Install New System Detector (West/North)	Rewiring Existing Advanced Detector (West/North)	Use Existing Advanced Detector (West/North)
92	Slauson Ave. /Pioneer Blvd.	East	W/O Pioneer Blvd.	45	HIGH	Yes	N/A	Yes	N/A		х		West	E/O Pioneer Blvd.									
101	Telegraph Rd./Slauson Avenue	East	W/O Slauson Avenue	45	HIGH	Yes	N/A	Yes	No		х		West	E/O Slauson Avenue	34	HIGH	Yes	N/A	No	No	х		
106	Telegraph Rd./Pioneer Boulevard	East	W/O Pioneer Boulevard	45	HIGH	Yes	N/A	Yes	No		Х		West	E/O Pioneer Boulevard	37	HIGH	Yes	N/A	Yes	No		Х	
122	Washington Blvd. / Norwalk Blvd.	East	W/O Norwalk Blvd.	45	HIGH	Yes	N/A	Yes	N/A		Х		West	E/O Norwalk Blvd.	45	HIGH	Yes	N/A	No	N/A	Х		
78	Rosemead Blvd. / Washington Blvd.	South	N/O Washington Blvd.	34	HIGH	Yes	Yes	Yes	Yes			х	North	S/O Washington									
120	Washington Blvd. / Rosemead Blvd.	East	W/O Rosemead Blvd.	34	HIGH	Yes	Yes	Yes	Yes			Х	West	E/O Rosemead Blvd.	34	HIGH	Yes	Yes	No	Yes	Х		
124	Whittier Blvd. /Paramount Blvd.	East	W/O Paramount Blvd.	34	HIGH	Yes	Yes	Yes	Yes			Х	West	E/O Paramount	42	HIGH	Yes	Yes	Yes	Yes			Х
64	Paramount Blvd. / I-5 Fwy Ramp	South	N/O I-5 Fwy Ramp	42	HIGH	Yes	Yes	Yes	Yes			Х	North	S/O I-5 Fwy	42	HIGH	Yes	Yes	Yes	Yes			Х
81	Lakewood Blvd. /I-5 North Ramp	South	N/O Lakewood/I-5 North Ramp	42	HIGH	Yes	Yes	Yes	Yes			Х	North	S/O Lakewood/I-5 North Ramp	42	HIGH	Yes	Yes	Yes	Yes			х
104	Telegraph Rd./Cedardale Drive I- 605 Southbound Ramps	East	Drive I-605	42	HIGH	Yes	Yes	Yes	Yes			х	West	Drive I-605	42	HIGH	Yes	Yes	Yes	Yes			х
105	Telegraph Rd./Bartley Avenue I- 605 Northbound Ramps	East	พิ ป ชิลแย) Avenue I-605	45	HIGH	Yes	Yes	Yes	Yes			х	West	Er∪tbanieyt Avenue I-605	45	HIGH	Yes	Yes	Yes	Yes			х
17	Carmenita Rd. /Imperial Hwy.	South	N/O Imperial Hwy.										North	S/O Imperial Hwy.	34	HIGH	Yes	N/A	Yes	No		Х	
100	Telegraph Rd./Greenwood Avenue	East	W/O Greenwood Avenue										West	E/O Greenwood Avenue	38	HIGH	Yes	N/A	Yes	No		Х	
5	Beverly Blvd./Rosemead Blvd.	East	W/O Rosemead										West	E/O Rosemead	42	HIGH	Yes	Yes	Yes	Yes			х
15	Carmenita Rd. /Telegraph Rd.	South	N/O Telegraph Rd.										North	S/O Telegraph Rd.	34	HIGH	Yes	N/A	Yes	No		Х	
20	Florence Ave. /Lakewood Blvd.	East	Rosemead/Lakew										West	Rosemead/Lakew	37	HIGH	Yes	Yes	Yes	No	Х		
30	La Mirada Blvd. /Imperial Hwy.	South	N/O Imperial Hwy.										North	S/O Imperial Hwy.	38	HIGH	Yes	N/A	Yes	N/A		Х	
83	Lakewood/ Florence Ave.	South	N/O Lakewood/ Florence Ave.										North	S/O Lakewood/ Florence Ave.	34	HIGH	Yes	N/A	Yes	No		Х	
115	Valley View Ave. /Imperial Hwy.	South	W/O Imperial										North	S/O Imperial Hwy.	42	HIGH	Yes	N/A	Yes	N/A		Х	
121	Washington Blvd. / Pioneer Blvd.	East	W/O Pioneer Blvd.										West	E/O Pioneer Blvd.	45	HIGH	Yes	N/A	Yes	N/A		Х	
127	Whittier Blvd. / Santa Fe Springs Rd./Washington Blvd.	East	Springs										West	Springs	38	HIGH	Yes	No	Yes	Yes	х		